WIND-TUNNEL STUDY OF
AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

by

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TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF SYMBOLS

Symbol	Definition
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
ν, ρ	Kinematic viscosity and density of approach flow
$\frac{UD}{\nu}$	Reynolds number
E	Mean voltage
A, B, n	Constants
U_{rms}	Root-mean-square of fluctuating velocity
E_{rms}	Root-mean-square of fluctuating voltage
U_∞	Reference mean velocity outside the boundary layer
X, Y	Horizontal coordinates
Z	Height above surface
δ	Height of boundary layer
T_u	Turbulence intensity $\frac{U_{rms}}{U_\infty}$ or $\frac{U_{rms}}{U}$
$C_{p_{mean}}$	Mean pressure coefficient, $\frac{(p-p_\infty)_{mean}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{rms}}$	Root-mean-square pressure coefficient, $\frac{\left((p-p_\infty)-(p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{max}}$	Peak maximum pressure coefficient, $\frac{(p-p_\infty)_{max}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{min}}$	Peak minimum pressure coefficient, $\frac{(p-p_\infty)_{min}}{0.5\ \rho\ U_\infty^2}$
$(\ )_{min}$	Minimum value during data record
$(\ )_{max}$	Maximum value during data record

Symbol	Definition
p	Fluctuating pressure at a pressure tap on the structure
p_∞	Static pressure in the wind tunnel above the model
F_x, F_y	Forces in X, Y direction
A_R	Reference Area
CF_X	Force coefficient, X direction, $\frac{F_x}{A_R \ 0.5\rho \ U_\infty^2}$
CF_Y	Force coefficient, Y direction, $\frac{F_y}{A_R \ 0.5\rho \ U_\infty^2}$

1. INTRODUCTION

1.1 General

A significant characteristic of modern building design is lighter cladding and more flexible frames. These features produce an increased vulnerability of glass and cladding to wind damage and result in larger deflections of the building frame. In addition, increased use of pedestrian plazas at the base of the buildings has brought about a need to consider the effects of wind and gustiness in the design of these areas.

The building geometry itself may increase or decrease wind loading on the structure. Wind forces may be modified by nearby structures which can produce beneficial shielding or adverse increases in loading. Overestimating loads results in uneconomical design; underestimating may result in cladding or window failures. Tall structures have historically produced unpleasant wind and turbulence conditions at their bases. The intensity and frequency of objectionable winds in pedestrian areas is influenced both by the structure shape and by the shape and position of adjacent structures.

Techniques have been developed for wind tunnel modeling of proposed structures which allow the prediction of wind pressures on cladding and windows, overall structural loading, and also wind velocities and gusts in pedestrian areas adjacent to the building. Information on sidewalk-level gustiness allows plaza areas to be protected by design changes before the structure is constructed. Accurate knowledge of the intensity and distribution of the pressures on the structure permits adequate but economical selection of cladding strength to meet selected maximum design winds and overall wind loads for the design of the frame for flexural control.

Modeling of the aerodynamic loading on a structure requires special consideration of flow conditions in order to guarantee similitude between model and prototype. A detailed discussion of the similarity requirements and their wind-tunnel implementation can be found in references (1), (2), and (3). In general, the requirements are that the model and prototype be geometrically similar, that the approach mean velocity at the building site have a vertical profile shape similar to the full-scale flow, that the turbulence characteristics of the flows be similar, and that the Reynolds number for the model and prototype be equal.

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/ν be similar for model and prototype. Since ν , the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2\times10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are 10^7-10^8 for the full-scale and 10^5-10^6 for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The Wind-Tunnel Test

The wind-engineering study is performed on a building or building group modeled at scales ranging from 1:150 to 1:400. The building model

is constructed of clear plastic fastened together with screws. The structure is modeled in detail to provide accurate flow patterns in the wind passing over the building surfaces. The building under test is often located in a surrounding where nearby buildings or terrain may provide beneficial shielding or adverse wind loading. To achieve similarity in wind effects the area surrounding the test building is also modeled. A flow visualization study is first made (smoke is used to make the air currents visible) to define overall flow patterns and identify regions where local flow features might cause difficulties in building curtain-wall design or produce pedestrian discomfort.

The test model, equipped with pressure taps (200 to 600 or more), is exposed to an appropriately modeled atmospheric wind in the wind tunnel and the fluctuating pressure at each tap measured electronically. The model, and the modeled area, are rotated 10 or 15 degrees and another set of data recorded for each pressure tap. Normally, 24 or 36 sets of data (360 degrees of turning) are taken; however, when flow visualization or recorded data indicate high pressure regions of small azimuthal extent, data is obtained in smaller azimuthal steps.

Data are recorded, analyzed and processed by an on-line computerized data-acquisition system. Pressure coefficients of several types are calculated by the computer for each reading on each piezometer tap and are printed in tabular form as computer readout. Using wind data applicable to the building site, representative wind velocities are selected for combination with measured pressures on the building model. Integration of test data with wind data results in prediction of peak local wind pressures for design of glass or cladding and may include overall forces and moments on the structure (by floor if desired) for design of

the structural frame. Pressure contours are drawn on the developed building surfaces showing the intensity and distribution of peak wind loads on the building. These results may be used to divide the building into zones where lighter or heavier cladding or glass may be desirable.

Based on the visualization (smoke) tests and on a knowledge of heavy pedestrian use areas, a dozen or more locations may be chosen at the base of the building where wind velocities can be measured to determine the relative comfort or discomfort of pedestrians in plaza areas, near building entrances, near building corners, or on sidewalks. Usually a reference pedestrian position is also tested to determine whether the wind environment in the building area is better or worse than the environment a block or so away in an undisturbed area.

The following pages discuss in greater detail the procedures followed and the equipment and data collecting and processing methods used. In addition, the data presentation format is explained and the implications of the data are discussed.

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

Wind-engineering studies are performed in the Fluid Dynamics and Diffusion Laboratory at Colorado State University (Figure 1). Three large wind tunnels are available for wind loading studies depending on the detailed requirements of the study. The wind tunnel used for this investigation is shown in Figure 2. All tunnels have a flexible roof adjustable in height to maintain a zero pressure gradient along the test section. The mean velocity can be adjusted continuously in each tunnel to the maximum velocity available.

2.2 Model

In order to obtain an accurate assessment of local pressures using piezometer taps, models are constructed to the largest scale that does not produce significant blockage in the wind-tunnel test section. The models are constructed of 1/2 in. thick Lucite plastic and fastened together with metal screws. Significant variations in the building surface, such as mullions, are machined into the plastic surface. Piezometer taps (1/16 in. diameter) are drilled normal to the exterior vertical surfaces in rows at several or more elevations between the bottom and top of the building. Similarly, taps are placed in the roof and on any sloping, protruding, or otherwise distinctive features of the building that might need investigation.

Pressure tap locations are chosen so that the entire surface of the building can be investigated for pressure loading and at the same time permit critical examination of areas where experience has shown that maximum wind effects may be expected to occur. Locations of the pressure taps for this study are shown in Figure 3. Dimensions are

given both for full-scale building (in ft) and for model (in in.). The pressure tap numbers are shown adjacent to the taps.

The pressure tests are sometimes made in two stages. In the first stage measurements are made on the initial distribution of pressure taps. If it becomes apparent from the data that the loading on the building is being influenced by some unsuspected geometry of the building or adjacent structures, additional pressure taps are installed in the critical areas. The locations of the taps are selected so that the maximum loading can be detected and the area over which this loading is acting can be defined. Any added taps are also shown in Figure 3.

A circular area 750 to 2000 ft in radius depending on model scale and characteristics of the surrounding buildings and terrain is modeled in detail. Structures within the modeled region are made from styrofoam and cut to the individual building geometries. They are mounted on the turntable in their proper locations. Significant terrain features are included as needed. The model is mounted on a turntable (Figure 2) near the downwind end of the test section. Any buildings or terrain features which do not fit on the turntable are placed on removable pieces which are placed upwind of the turntable for appropriate wind directions. A plan view of the building and its surroundings is shown in Figure 4. The turntable is calibrated to indicate azimuthal orientation to 0.1 degree.

The region upstream from the modeled area is covered with a randomized roughness constructed using various sized cubes placed on the floor of the wind tunnel. Different roughness sizes may be used for different wind directions. Spires are installed at the test-section entrance to provide a thicker boundary layer than would otherwise be

available. The thicker boundary layer permits a somewhat larger scale model than would otherwise be possible. The spires are approximately triangularly shaped pieces of 1/2 in. thick plywood 6 in. wide at the base and 1 in. wide at the top, extending from the floor to the top of the test section. They are placed so that the broad side intercepts the flow. A barrier approximately 8 in. high is placed on the test-section floor downstream of the spires to aid in development of the boundary-layer flow.

The distribution of the roughness cubes and the spires in the roughened area was designed to provide a boundary-layer thickness of approximately 4 ft, a velocity profile power-law exponent similar to that expected to occur in the region approaching the modeled area for each wind direction (a number of wind directions may have the same approach roughness). A photograph of the completed model in the wind tunnel is shown in Figure 5. The wind-tunnel ceiling is adjusted after placement of the model to obtain a zero pressure gradient along the test section.

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

Making the air flow visible in the vicinity of the model is helpful (a) in understanding and interpreting mean and fluctuating pressures, (b) in defining zones of separated flow and reattachment and zones of vortex formation where pressure coefficients may be expected to be high and (c) in indicating areas where pedestrian discomfort may be a problem. Titanium tetrachloride smoke is released from sources on and near the model to make the flow lines visible to the eye and to make it possible to obtain motion picture records of the tests. Conclusions obtained from these smoke studies are discussed in Sections 4.1 and 5.1.

3.2 Pressures

Mean and fluctuating pressures are measured at each of the pressure taps on the model structure. Data are obtained for 24 or 36 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing are used to connect 76 pressure ports at a time to an 80 tap pressure switch mounted inside the model. The switch was designed and fabricated in the Fluid Dynamics and Diffusion Laboratory to minimize the attenuation of pressure fluctuations across the switch. Each of the 76 measurement ports is directed in turn by the switch to one of four pressure transducers mounted close to the switch. The four pressure input taps not used for transmitting building surface pressures are connected to a common tube leading outside the wind tunnel. This arrangement provides both a means of performing in-place calibration of the transducers and, by connecting this tube to a pitot tube mounted inside the wind tunnel, a means of automatically monitoring the tunnel speed. The switch is operated by means of a shaft projecting through

the floor of the wind tunnel. A computer-controlled stepping motor steps the switch into each of the 20 required positions. The computer keeps track of switch position but a digital readout of position is provided at the wind tunnel.

The pressure transducers used are setra differential transducers (Model 237) with a 0.10 psid range. Reference pressures are obtained by connecting the reference sides of the four transducers, using plastic tubing, to the static side of a pitot-static tube mounted in the wind tunnel free stream above the model building. In this way the transducer measures the instantaneous difference between the local pressures on the surface of the building and the static pressure in the free stream above the model.

Output from the pressure transducers is fed to an on-line data acquisition system consisting of a Hewlett-Packard 21 MX computer, disk unit, card reader, printer, Digi-Data digital tape drive and a Preston Scientific analog-to-digital converter. The data are processed immediately into pressure coefficient form as described in Section 4.3 and stored for printout or further analysis.

All four transducers are recorded simultaneously for 16 seconds at a 250 sample per second rate. The results of an experiment to determine the length of record required to obtain stable mean and rms (root-mean-square) pressures and to determine the overall accuracy of the pressure data acquisition system is shown in Figure 6. A typical pressure port record was integrated for a number of different time periods to obtain the data shown. Examination of a large number of pressure taps showed that the overall accuracy for a 16 second period is, in pressure coefficient form, 0.03 for mean pressures, 0.1 for peak pressures, and 0.01 for rms pressures. Pressure coefficients are defined in Section 4.3.

3.3 Velocity

Mean velocity and turbulence intensity profiles are measured upstream of the model to determine that an approach boundary-layer flow appropriate to the site has been established. Tests are made at one wind velocity in the tunnel. This velocity is well above that required to produce Reynolds number similarity between the model and the prototype as discussed in Section 1.1.

In addition, mean velocity and turbulence intensity measurements are made 5 to 7 ft (prototype) above the surface at a dozen or more locations on and near the building for 16 wind directions. The measurement locations are shown on Figure 4. The surface measurements are indicative of the wind environment to which a pedestrian at the measurement location would be subjected. The locations are chosen to determine the degree of pedestrian comfort or discomfort at the building corners where relatively severe conditions frequently are found, near building entrances and on adjacent sidewalks where pedestrian traffic is heavy, and in open plaza areas. In most studies a reference pedestrian position, located about a block away, is also tested. These data are helpful in evaluating the degree of pedestrian comfort or discomfort in the proposed plaza area in terms of the undisturbed environment in the immediate vicinity.

Measurements are made with a single hot-wire anemometer mounted with its axis vertical. The instrumentation used is a Thermo Systems constant temperature anemometer (Model 1050) with a 0.001 in. diameter platinum film sensing element 0.020 in. long. Output is directed to the on-line data acquisition system for analysis.

Calibration of the hot-wire anemometer is performed by comparing output with the pitot-static tube in the wind tunnel. The calibration

data are fit to a variable exponent King's Law relationship of the form

$$E^2 = A + BU^n$$

where E is the hot-wire output voltage, U the velocity and A, B, and n are coefficients selected to fit the data. The above relationship was used to determine the mean velocity at measurement points using the measured mean voltage. The fluctuating velocity in the form U_{rms} (root-mean-square velocity) was obtained from

$$U_{rms} = \frac{2\ E\ E_{rms}}{B\ n\ U^{n-1}}$$

where E_{rms} is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements for pedestrian winds were divided by the mean velocity outside the boundary-layer U_∞. Turbulence intensity in velocity profile measurements used the local mean velocity.

4. RESULTS

4.1 Flow Visualization

A film is included as part of this report showing the characteristics of flow about the structure using smoke to make the flow visible. A listing of the contents of the film is shown in Table 1. Several features can be noted from the visualization. As with all large structures, wind approaching the building is deflected down to the plaza level, up over the structure and around the sides. A description of the smoke test results emphasizing flow patterns of concern relative to possible high-wind load areas and pedestrian comfort is given in Section 5.1.

4.2 Velocity

Velocity and turbulence profiles are shown in Figure 7. Profiles were taken upstream from the model which are characteristic of the boundary layer approaching the model and sometimes at the building site with building removed. The boundary-layer thickness, δ, is shown in Figure 7. The corresponding prototype value of δ for this study is also shown in the figure. This value was established as a reasonable height for this study. The mean velocity profile approaching the modeled area has the form

$$\frac{U}{U_\infty} = \left(\frac{z}{\delta}\right)^n .$$

The exponent n for the approach flow established for this study is shown in Figure 7.

Profiles of longitudinal turbulence intensity in the flow approaching the modeled area are shown in Figure 7. The turbulence intensities are appropriate for the approach mean velocity profile selected. For the velocity profiles, turbulence intensity is defined

as the root-mean-square about the mean of the longitudinal velocity fluctuations divided by the local mean velocity U,

$$Tu = \frac{U_{rms}}{U} .$$

Velocity data obtained at each of the pedestrian measurement locations shown in Figure 4 are listed in Table 2 as mean velocity U/U_∞, turbulence intensity U_{rms}/U_∞, and largest effective gust

$$U_{pk} = \frac{U + 3U_{rms}}{U_\infty} .$$

These data are plotted in polar form in Figure 8. Measurements were taken 5 to 7 ft above the ground surface. A site map is superimposed on the polar plots to aid in visualization of the effects of the nearby structures on the velocity and turbulence magnitudes. An analysis of these wind data is given in Section 5.2.

To enable a quantitative assessment of the wind environment, the wind-tunnel data were combined with wind frequency and direction information obtained at the local airport. Table 3 shows wind frequency by direction and magnitude obtained from summaries published by the National Weather Service. These data, usually obtained at an elevation of about 30-40 ft, were converted to velocities at the reference velocity height for the wind-tunnel measurements and combined with the wind-tunnel data to obtain cumulative probability distributions (percent time a given velocity is exceeded) for wind velocity at each measuring location. The percentage times were summed by wind direction to obtain a percent time exceeded at each measuring position independent of wind direction (but accounting for the fact that the wind blows from different directions with varying frequency). These results are plotted in Figure 9.

Interpretation of Figure 9 is aided by a description of the effects of wind of various magnitudes on people. The earliest quantitative description of wind effects was established by Sir Francis Beaufort in 1806 for use at sea and is still in use today. Several recent investigators have added to the knowledge of wind effects on pedestrians. These investigations along with suggested criteria for acceptance have been summarized by Penwarden and Wise (4) and Melbourne (5). The Beaufort scale (from ref. 4), based on mean velocity only, is reproduced as Table 4 including qualitative descriptions of wind effects. Table 4 suggests that mean wind speeds below 12 mph are of minor concern and that mean speeds above 24 mph are definitely inconvenient. Quantitative criteria for acceptance from reference 5 are superimposed as dashed lines on Figure 9. The peak gust curves shown in Figure 9 are the percent of time during which a short gust of the stated magnitude could occur (say about one of these gusts per hour). Implications of the data plotted in Figure 9 are presented in Section 5.2

Because some pedestrian wind measuring positions are purposely chosen at sites where the smoke tests showed large velocities of small spacial extent, the general wind environment about the structure may be less severe than one might infer from a strict analysis of Table 2 and Figure 9.

4.3 Pressures

For each of the pressure taps examined at each wind direction, the data record is analyzed to obtain four separate pressure coefficients. The first is the mean pressure coefficient

$$C_{p_{mean}} = \frac{(p-p_\infty)_{mean}}{0.5\ \rho\ U_\infty^2}$$

where the symbols are as defined in the List of Symbols. It represents the mean of the instantaneous pressure difference between the building pressure tap and the static pressure in the wind tunnel above the building model, nondimensionalized by the dynamic pressure

$$0.5\ \rho\ U_\infty^2$$

at the reference velocity position. This relationship produces a dimensionless coefficient which indicates that the mean pressure difference between building and ambient wind at a given point on the structure is some fraction less or some fraction greater than the undisturbed wind dynamic pressure near the upper edge of the boundary layer. Using the measured coefficient, prototype mean pressure values for any wind velocity may be calculated.

The magnitude of the fluctuating pressure is obtained by the rms pressure coefficient

$$C_{p_{rms}} = \frac{\left((p-p_\infty) - (p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$$

in which the numerator is the root-mean-square of the instantaneous pressure difference about the mean .

If the pressure fluctuations followed a Gaussian probability distribution, no additional data would be required to predict the

frequency with which any given pressure level would be observed. However, the pressure fluctuations do not, in general, follow a Gaussian probability distribution so that additional information is required to show the extreme values of pressure expected. The peak maximum and peak minimum pressure coefficients are used to determine these values:

$$C_{p_{max}} = \frac{(p-p_\infty)_{max}}{0.5\ \rho\ U_\infty^2}$$

$$C_{p_{min}} = \frac{(p-p_\infty)_{min}}{0.5\ \rho\ U_\infty^2}$$

The values of $p-p_\infty$ which were digitized at 250 samples per second for 16 seconds, representing about one hour of time in the full-scale, are examined individually by the computer to obtain the most positive and most negative values during the 16-second period. These are converted to $C_{p_{max}}$ and $C_{p_{min}}$ by nondimensionalizing with the free stream dynamic pressure.

The four pressure coefficients are calculated by the on-line data acquisition system computer and tabulated along with the approach wind azimuth in degrees from true north. The list of coefficients is included as Appendix A. The pressure tap code numbers used in the appendix are explained in Figure 3.

To determine the largest peak loads acting at any point on the structure for cladding design purposes, the pressure coefficients for all wind directions were searched to obtain, at each pressure tap, the largest absolute value of peak pressure coefficient. Table 6 provides these pressure coefficients and associated wind directions. Included in Section 5.3 is an analysis of the coefficients of Table 6 including the maximum values obtained and where they occurred on the building.

The pressure coefficients of Table 6 can be converted to full-scale loads by multiplication by a suitable reference pressure selected for the field site. This reference pressure is represented in the equations for pressure coefficients by the $0.5\ \rho\ U_\infty^2$ denominator. This value is the dynamic pressure associated with an hourly mean wind at the reference velocity measurement position at the edge of the boundary layer. In general, the method of arriving at a design reference pressure for a particular site involves selection of a design wind velocity, translation of the velocity to an hourly mean wind at the reference velocity location and conversion to a reference pressure. Selection of the design velocity can be made from statistical analysis of extreme wind data or selected from wind maps contained in the proposed wind loading code ANSI A58.1 of the American National Standards Institute (6). The calculation of reference pressure for this study is shown in Table 5. The factor used in Table 5 to reduce gust winds to hourly mean winds is given in reference (7).

The reference pressure associated with the design hourly mean velocity at the reference velocity location can be used directly with the peak-pressure coefficients to obtain peak local design wind loads for cladding design. Local, instantaneous peak loads on the full-scale building suitable for cladding design were computed by multiplying the reference pressure of Table 5 by the peak coefficients of Table 6 and are listed as peak pressures in that table. The maximum psf load given at each tap location is the absolute value of the maximum value found in the tests, irrespective of its algebraic sign. For ease in visualizing the loads on the structure, contours of equal peak pressures for cladding load shown in Table 6 have been plotted on developed elevation

views of the structure, Figure 10. For control of water infiltration from outside to inside, the largest positive (inward-acting) pressure at each tap location is tabulated in Table 6.

For glass design pressures, a glass load factor is used to account for the different duration between measured peak pressures and the one minute loading commonly used in glass design charts. The design pressure used for glass is normally less than the peak pressures used for cladding design because of the static fatigue property of glass which can withstand higher pressures for short duration loads than for long duration loads. Recent research (8) indicates that the period of application of the peak pressures reported herein is about 5-10 seconds or less. If a glass design is based on these peak-pressure values, then a glass strength associated with this duration load should be used. Because glass design charts are normally based on some alternate load duration--usually one minute--then some reduction in peak loads should be made. An estimate of a load reduction factor can be obtained from an empirical relation of glass strength as a function of load duration. Current glass selection charts showing glass strength as a function of load duration (9) and older references (10) indicate the following load reduction factors:

	ref 9	ref 10
annealed float	0.80	0.81
heat strengthened	0.94	
tempered	0.97	0.98

Loadings appropriate for glass design can be computed by multiplying the peak-pressure loads of Table 6 by these load factors.

4.4 Forces and Moments

Force coefficients in the horizontal X and Y directions and moment coefficients about the X, Y, and Z axes with the origin at ground level at the base of the building with Z axis vertical may be computed for all wind directions tested by integration of mean pressures on the building. Overall forces and moments acting on the full-scale building due to wind loading which are useful in designing the structural framing of the proposed building may be obtained from use of these coefficients.

Force coefficients were computed for each floor for each wind direction using the equations shown below.

$$CF_X = \frac{F_X}{A_R \; 0.5 \; \rho \; U_\infty^2} \qquad CF_Y = \frac{F_Y}{A_R \; 0.5 \; \rho \; U_\infty^2}$$

Terms and symbols used in the equations are defined in the List of Symbols and the axes are defined for the building in Figure 3. Force coefficients CF_X and CF_Y were computed for the horizontal forces acting along the X and Y axes using the mean pressure coefficient at each pressure tap. A_R represents a constant reference area for nondimensionalization of the forces and moments.

The total forces acting on the full-scale building for each floor and wind direction were computed by multiplying the above coefficients by the appropriate full-scale reference area, by the reference pressure of Table 5, and by a gust load factor selected for an appropriate wind gust duration. The gust load factor, shown in Table 5, was selected to increase the loads from an hourly mean load to that of a gust whose duration would be sufficient for its effect to be fully felt by the structure. A table of gust load factors for various gust durations is

incorporated in Table 5 so that force and moment data of Table 7 may be adjusted to a different load duration if desired.

The forces obtained at each floor were used to obtain load, shear, and moment diagrams for the building for each wind direction. The shear diagram, in kips, was obtained by algebraic sum of all forces in each coordinate direction acting above the floor of interest. The load diagram, in psf, was obtained by dividing the shear values by their contributing areas (listed in Table 7). The moment diagram, in 1000 ft-kips, was obtained by integration of the shear values so that the moment due to forces acting above the floor level of interest was calculated. The sign of the moment was established by the right-hand rule about an X', Y' axis through the floor of interest. Moments about the Z axis were calculated by considering the displacement of forces in the X and Y directions from the Z axis shown in Figure 3. Load, shear, and moment diagrams are shown in Figure 11 for several wind directions.

5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke did not show characteristics which are usually identified with exceptionally high pressures. The rounded corners may contribute to somewhat higher local pressures on or adjacent to the curved surfaces. Winds in pedestrian areas at the base of the building appeared to be strong near the northeast and southwest ends of the building for a range of wind directions (see Figure 5). Wind velocities on the elevated ledge were strong near the curved southwest end of the building for a limited range of westerly winds and moderate along much of the ledge on the northwest side.

5.2 Pedestrian Winds

Figure 4 shows the 21 locations selected for investigation of pedestrian wind comfort. Location 1 in an open area about 1000 ft away from the building was selected as a reference location which should be reasonably undisturbed by presence of the American General No. 5 Building. Locations 20 and 21 were located above the roof level at 10 and 50 ft respectively to evaluate the roof as a heliport landing area. Table 2 and Figure 8 show that the largest values of mean velocity in pedestrian areas were measured at locations 6, 10, 16 and 18 with values ranging from 62 to 70 percent of U_∞, the mean velocity at the boundary-layer height. At location 21, 50 ft above the top of the building, mean velocities ranged from 70 to 92 percent of U_∞. These values compare to the largest value of 34 percent at reference location 1 and about 45 percent which might be expected in an open-country environment.

The largest values of fluctuating velocity in pedestrian areas, U_{rms}, were measured at location 20 on the top of the building where a

heliport might be located and at location 21. Values from 23 to 43 percent of U_∞ were measured. Values of 30 to 43 percent of U_∞ are quite high for a pedestrian area. The largest values at the base of the building and on the elevated ledge were all less than 17 percent. For comparison, location 1 had a maximum value of U_{rms} of 10 percent of U_∞ while an open-country area might expect 10 to 12 percent.

The largest values of peak gust, represented by the mean plus three rms as discussed in Section 4.2, were measured at locations 7, 10, 16 and 18 in pedestrian areas with values ranging from 100 to 108 percent of U_∞. For comparison, the largest gust was 60 percent at reference location 1 and might be 80 to 85 percent in an open-country environment. At locations 20 and 21 above the roof, peak gust values ranged up to 185 percent of U_∞.

Velocity data of Table 2 integrated with local wind data listed in Table 3 are shown in Figure 9. Based on the data of this figure, the windiest pedestrian locations will be 6, 10, 16 and 18 which should be unacceptably windy up to 2 to 15 percent of the time and uncomfortable for walking 20 to 40 percent of the time for mean winds. Wind gusts will be of less concern than mean winds at these locations. Other pedestrian locations vary in comfort from acceptable for short- to long-exposure activities at location 8 to uncomfortable for walking more than 10 percent of the time at locations 5 and 9. Examination of mean wind effects at location 21 shows that winds 50 ft above the building top will be above 20 mph about 15 percent of the time and above 30 mph about 2 percent of the time. Comparison of 21 with 20 shows that the mean velocity at 10 ft above the building top will be considerably smaller than that at 50 ft. This is a commonly observed phenomena above tall

buildings and could provide some control problems for a helicopter landing on the building on windy days.

The results of the pedestrian wind analysis showed that pedestrian areas at the northeast and southwest ends of the building will be quite windy and may be considered unacceptable on higher wind days. The ledge near the top of the building will be very windy around the curved portion of the building a significant percentage of time. A heliport on the roof would not be a problem from a wind point of view except on windier days when a decrease of flight control should be expected due to large gradients of wind velocity in the vertical direction and high turbulence near the building top. Pedestrians would find the gustiness objectionable on the roof on the windier days.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the building for each pressure tap location. Data identified as Configuration A in Table 6 and Appendix A represent data obtained at all pressure tap locations for 36 wind directions. Configuration B represents data obtained at selected taps at 2-degree azimuthal increments near azimuths where large pressure peaks were observed in Configuration A to ensure that the largest peaks were obtained. The largest peak pressure coefficient measured on the building was -2.1 measured at tap 553 on the curved northeast end of the building. This is not a large coefficient for a building of this height. This coefficient represents, using the reference pressure calculated in Table 5, a peak cladding load of -89 psf for a 100-year recurrence wind and -63 psf for a 50-year recurrence wind. Figure 10 shows that most areas of the building had 100-year peak cladding pressures of 40 to 70 psf.

Figure 11 shows load, shear and moment diagrams plotted from Table 7 for the largest loads in the X and Y directions (see Figure 3 for the coordinate system). For the wind direction giving the largest Y shear, azimuth 170, the X shear was almost 60 percent of its maximum value and was 50 percent larger than the Y shear.

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FIGURES

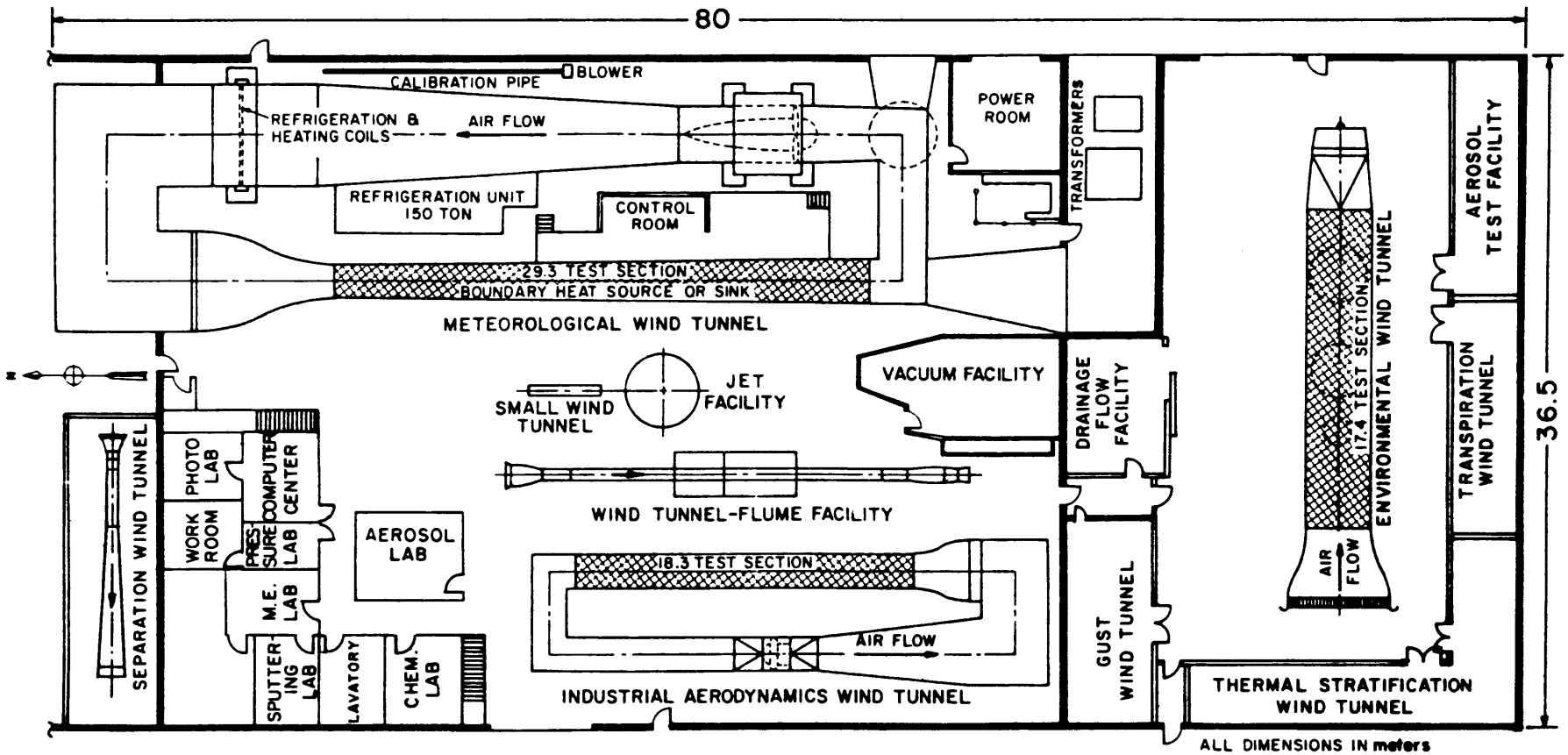
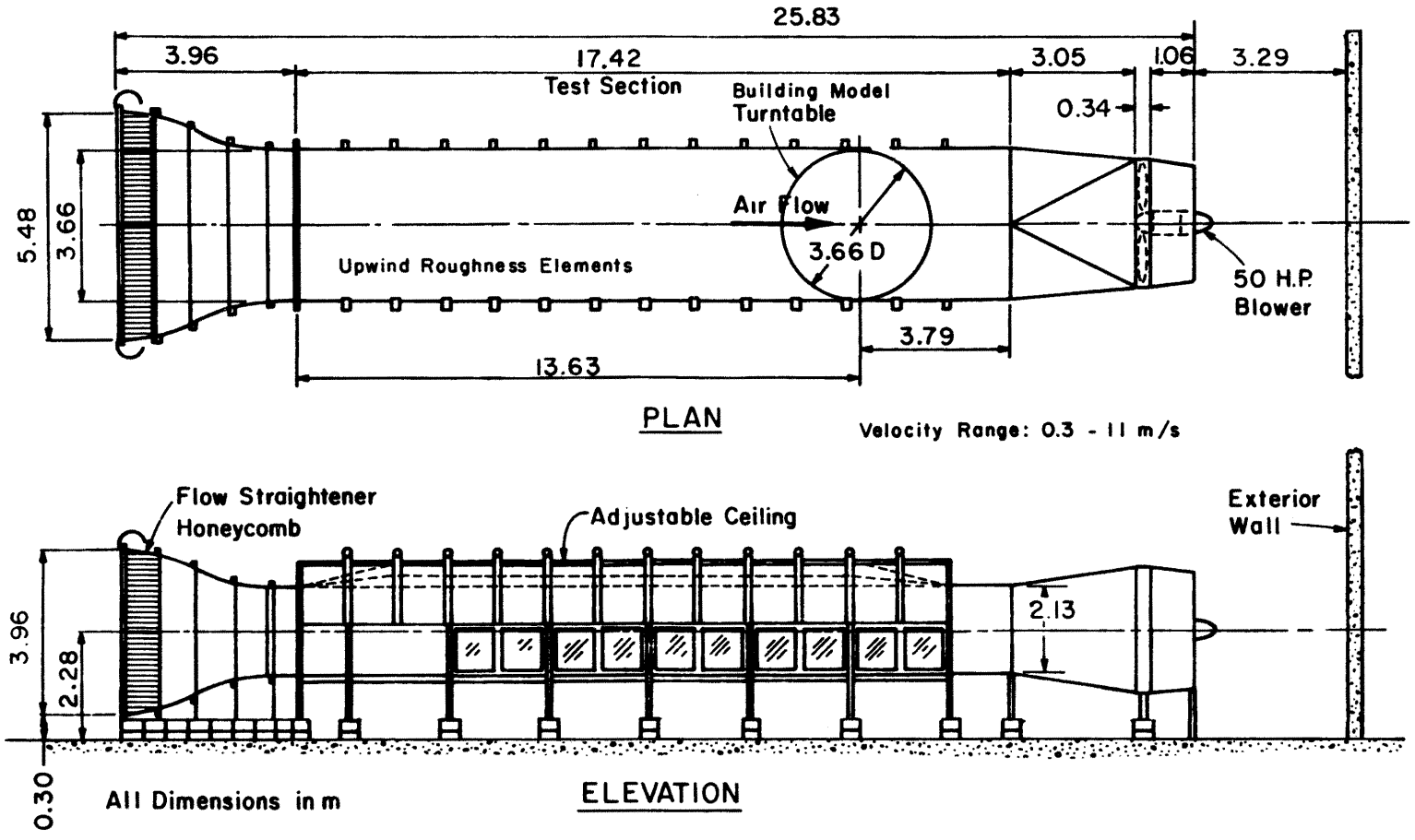


Figure 1. **FLUID DYNAMICS AND DIFFUSION LABORATORY COLORADO STATE UNIVERSITY**



ENVIRONMENTAL WIND TUNNEL

Figure 2 - Wind Tunnel Configuration

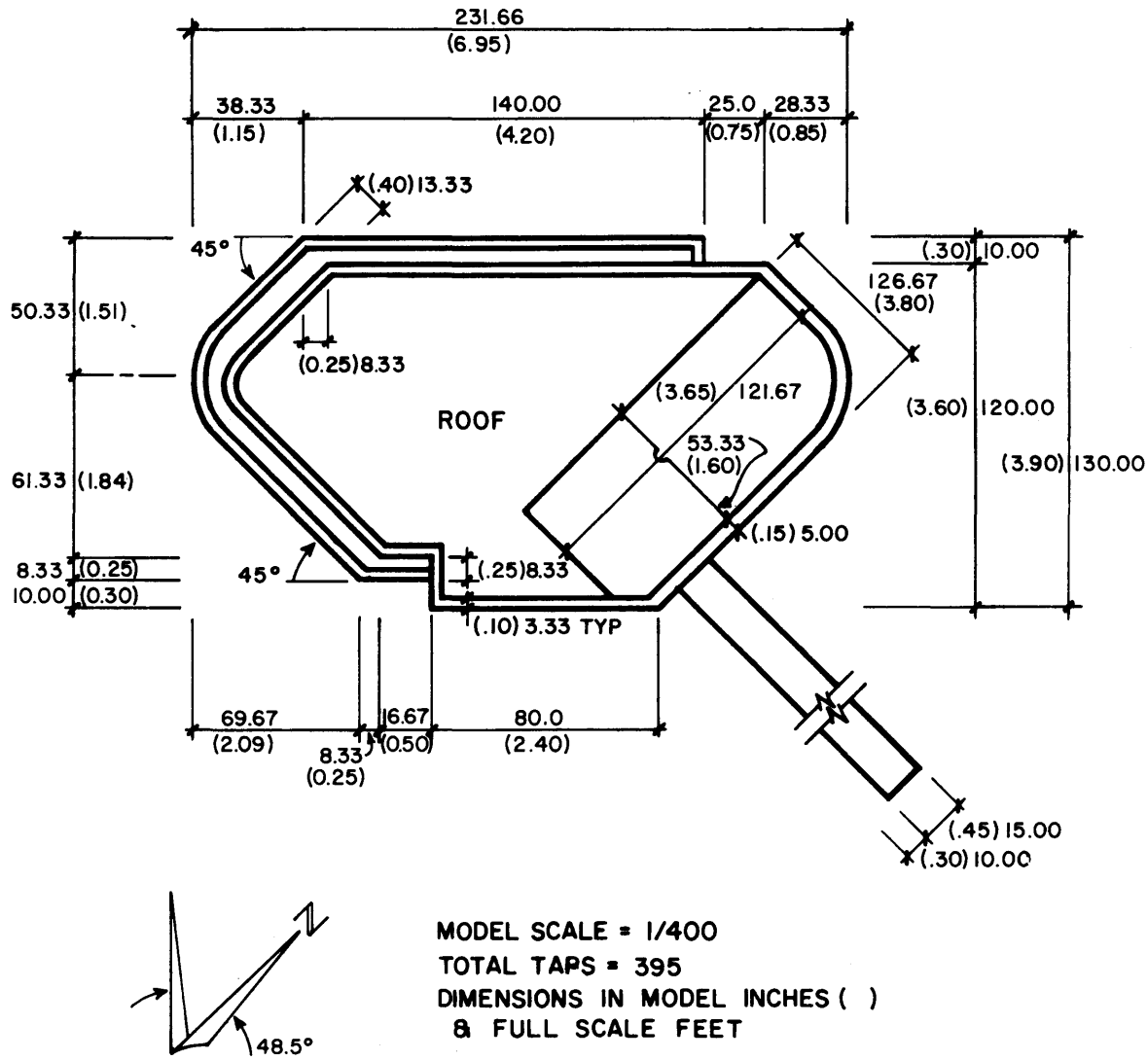
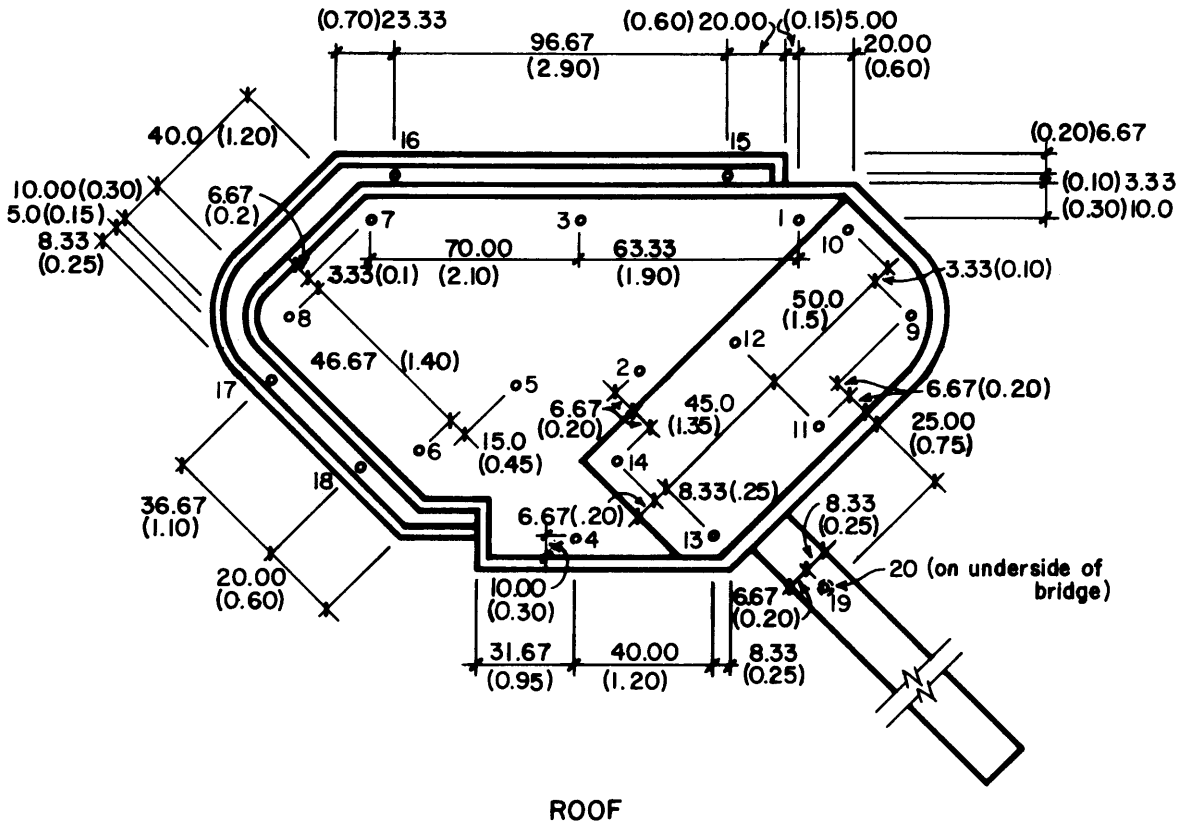


Figure 3a. Pressure Tap Locations



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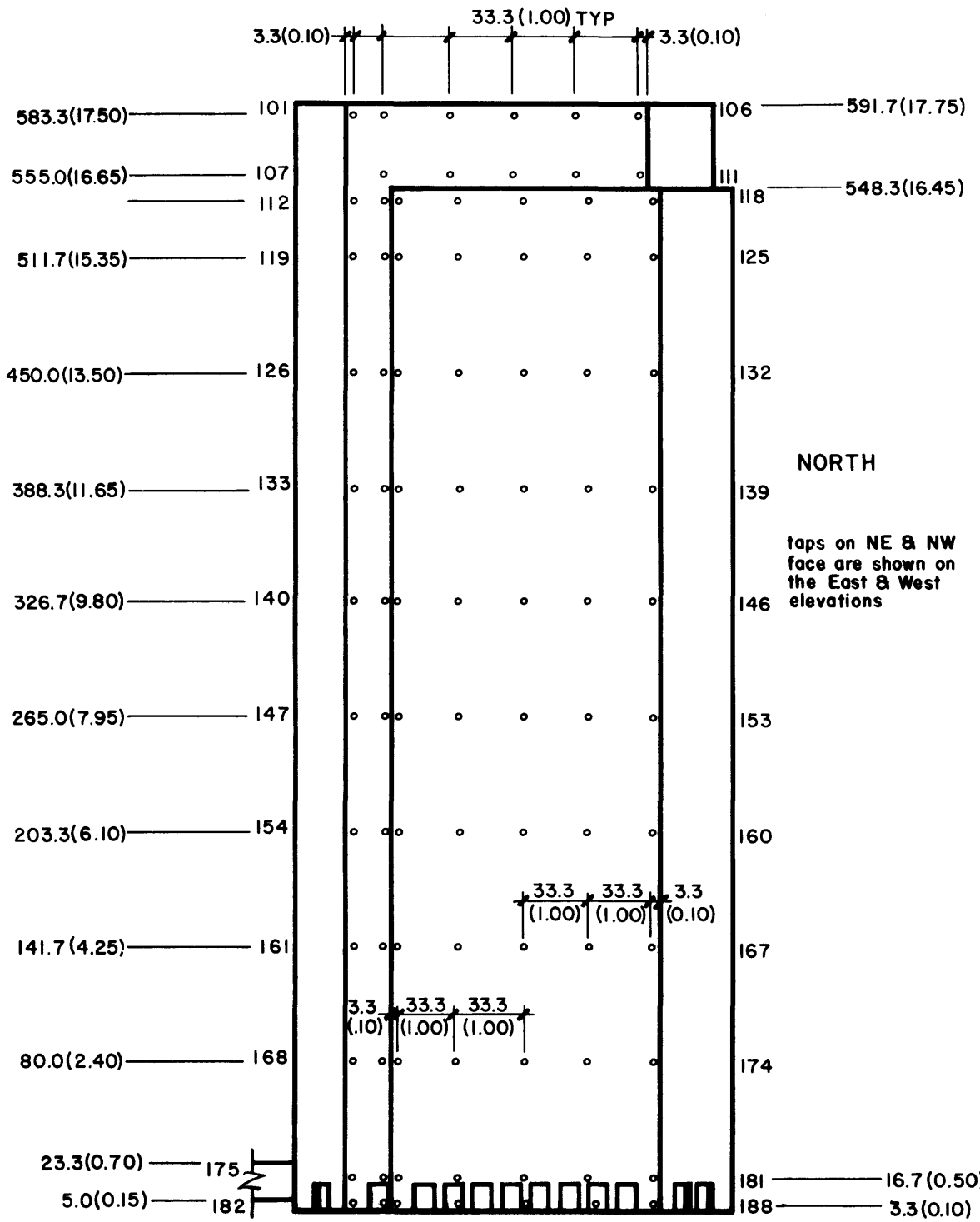

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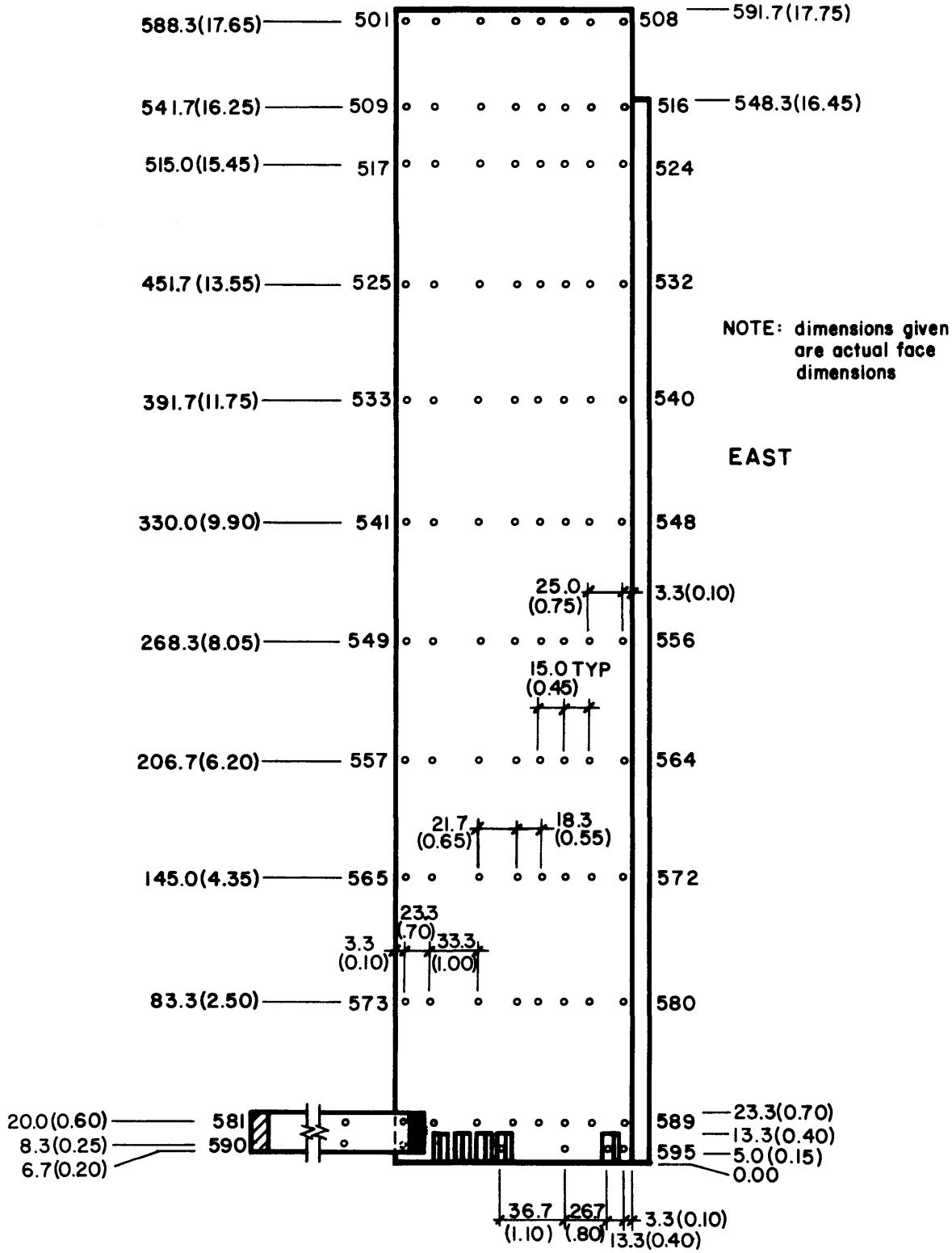

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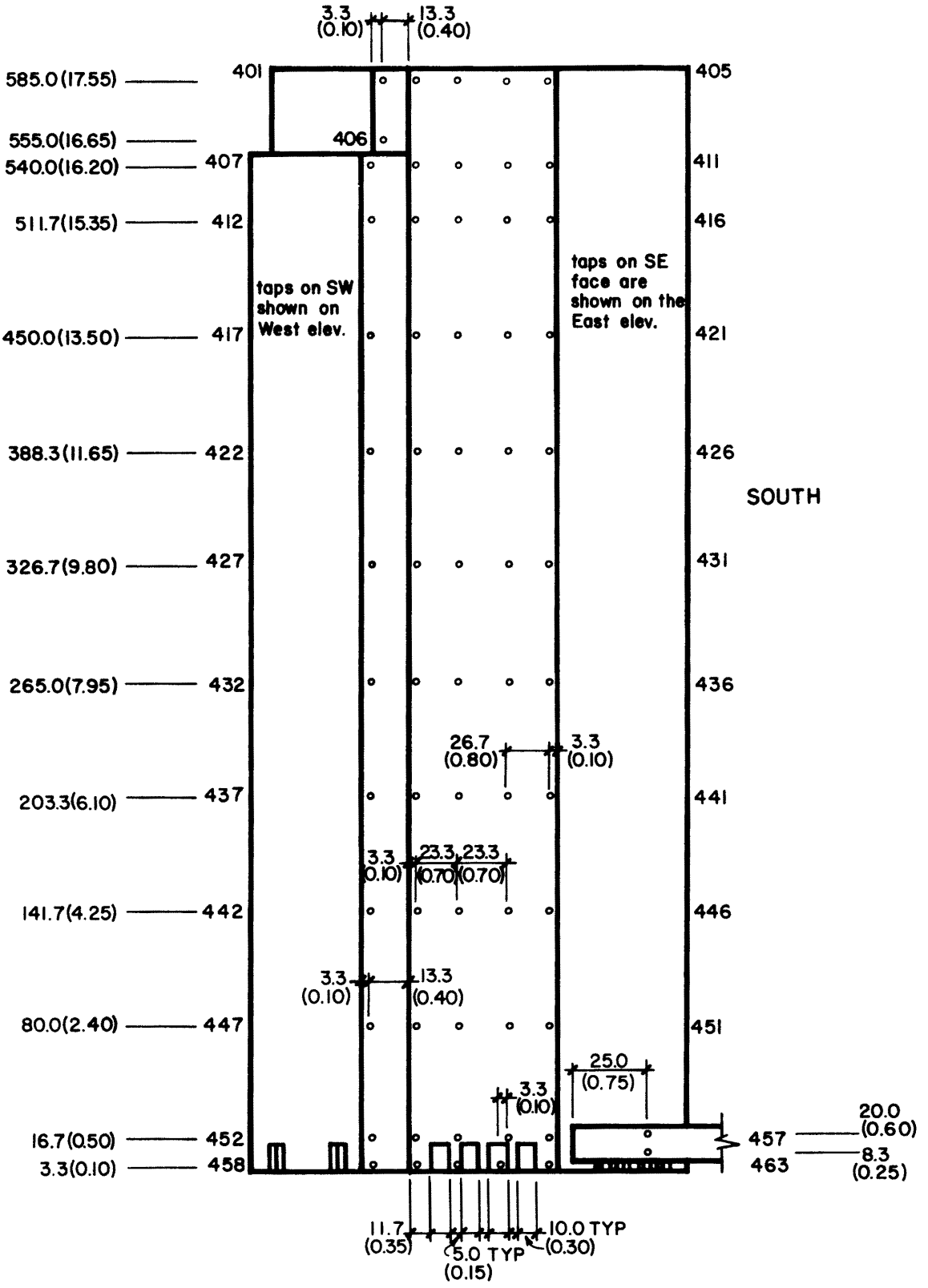

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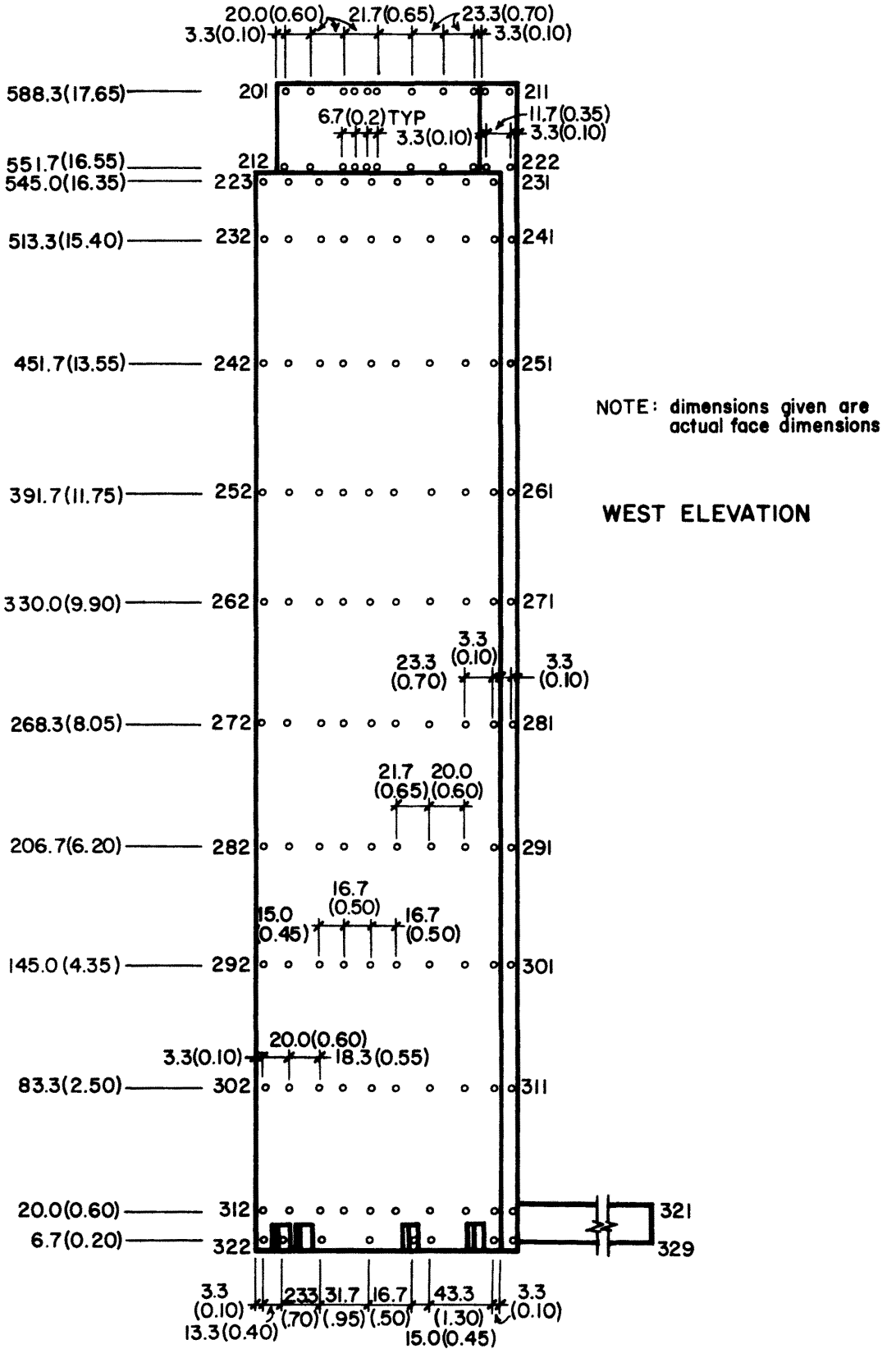


Figure 3f. Pressure Tap Locations

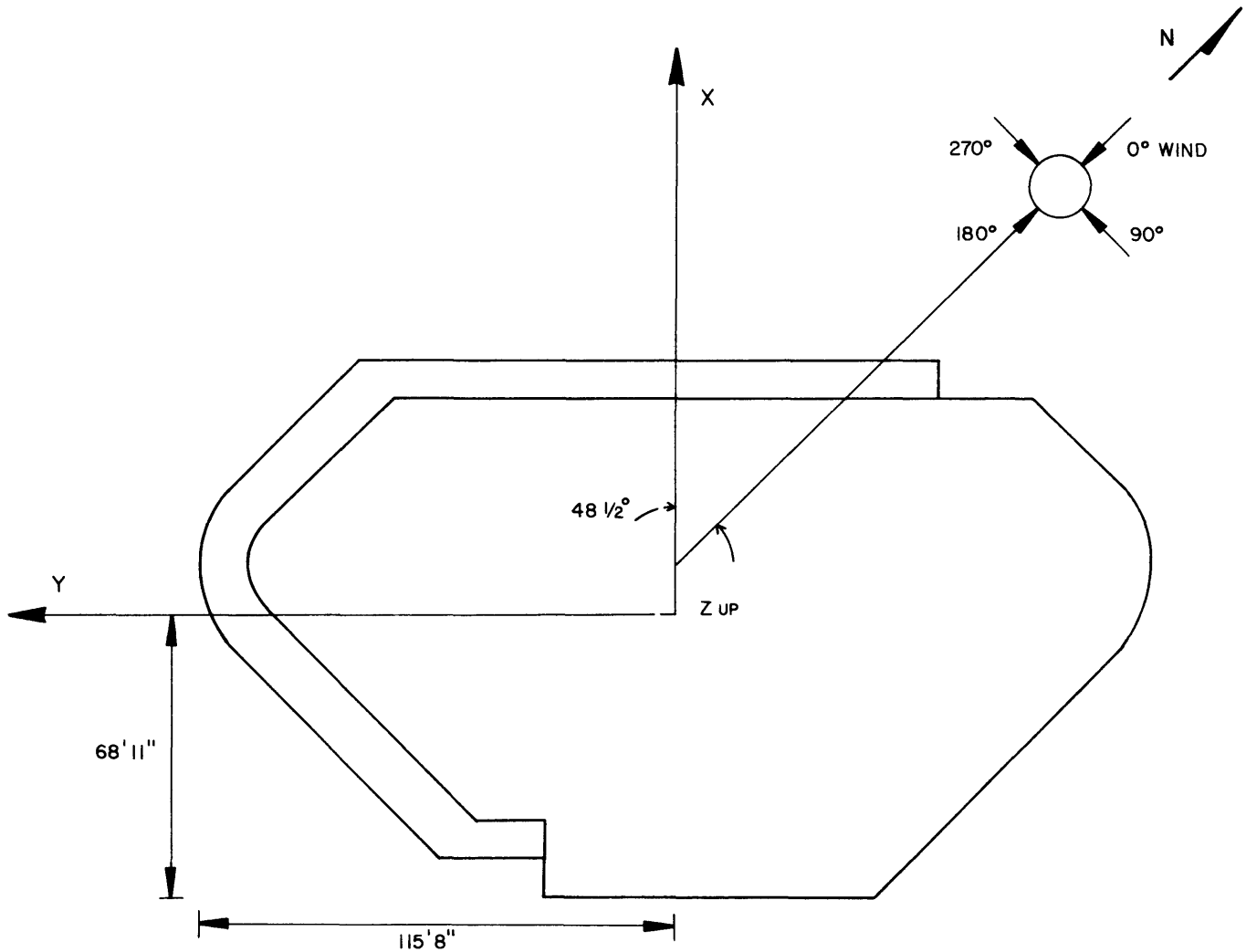


Figure 3g. Force and Moment Coordinate System

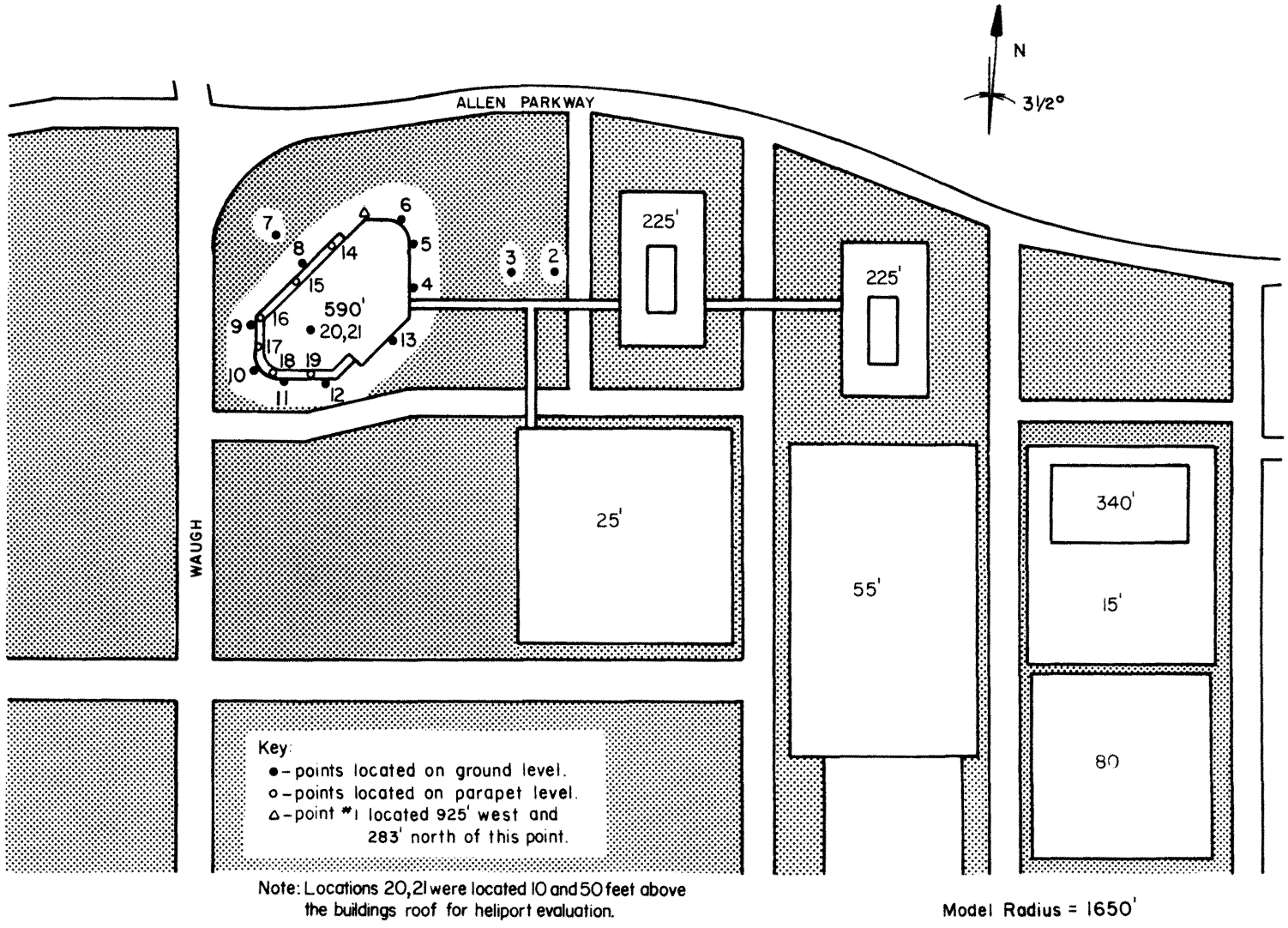


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions

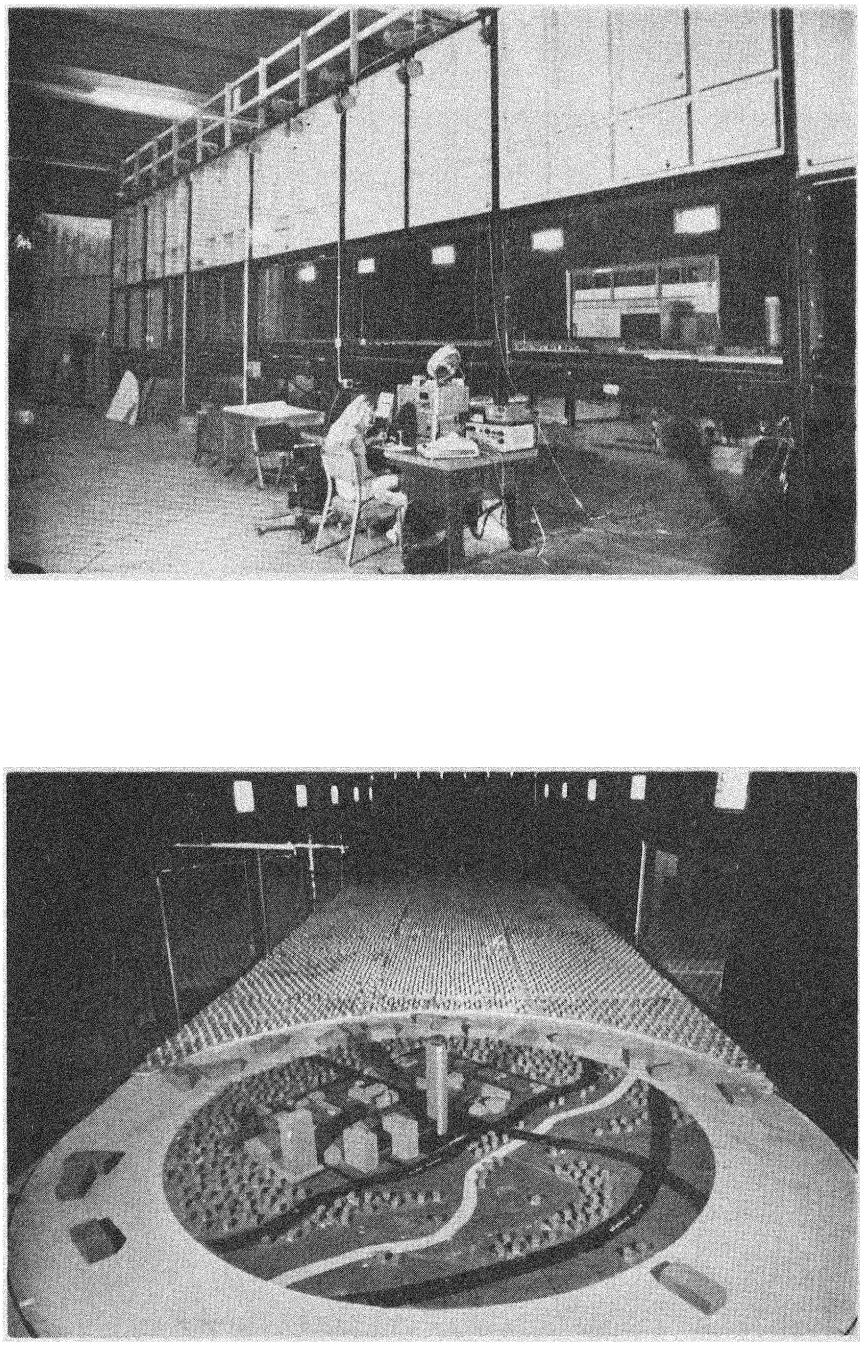


Figure 5. Completed Model in Wind Tunnel

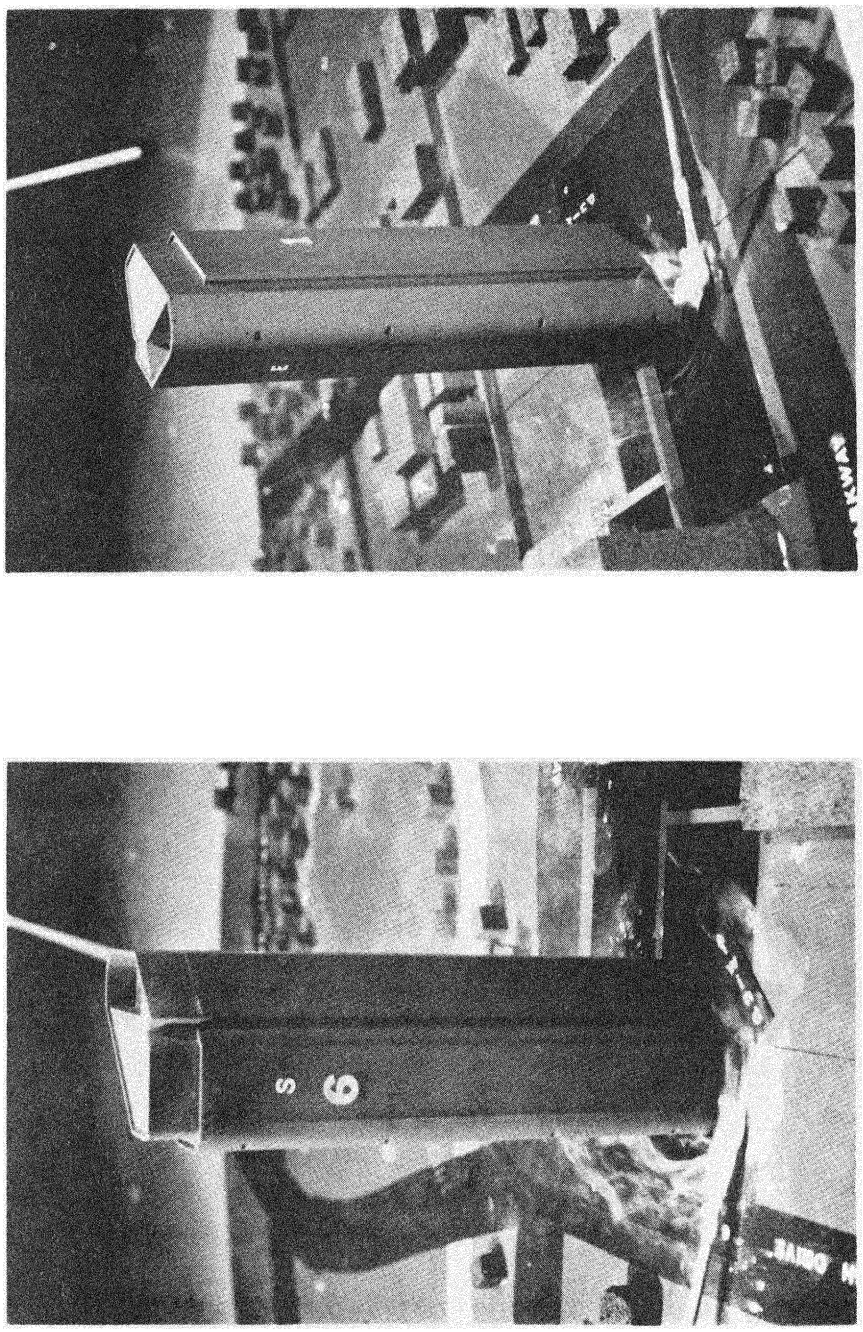


Figure 5. Completed Model in Wind Tunnel

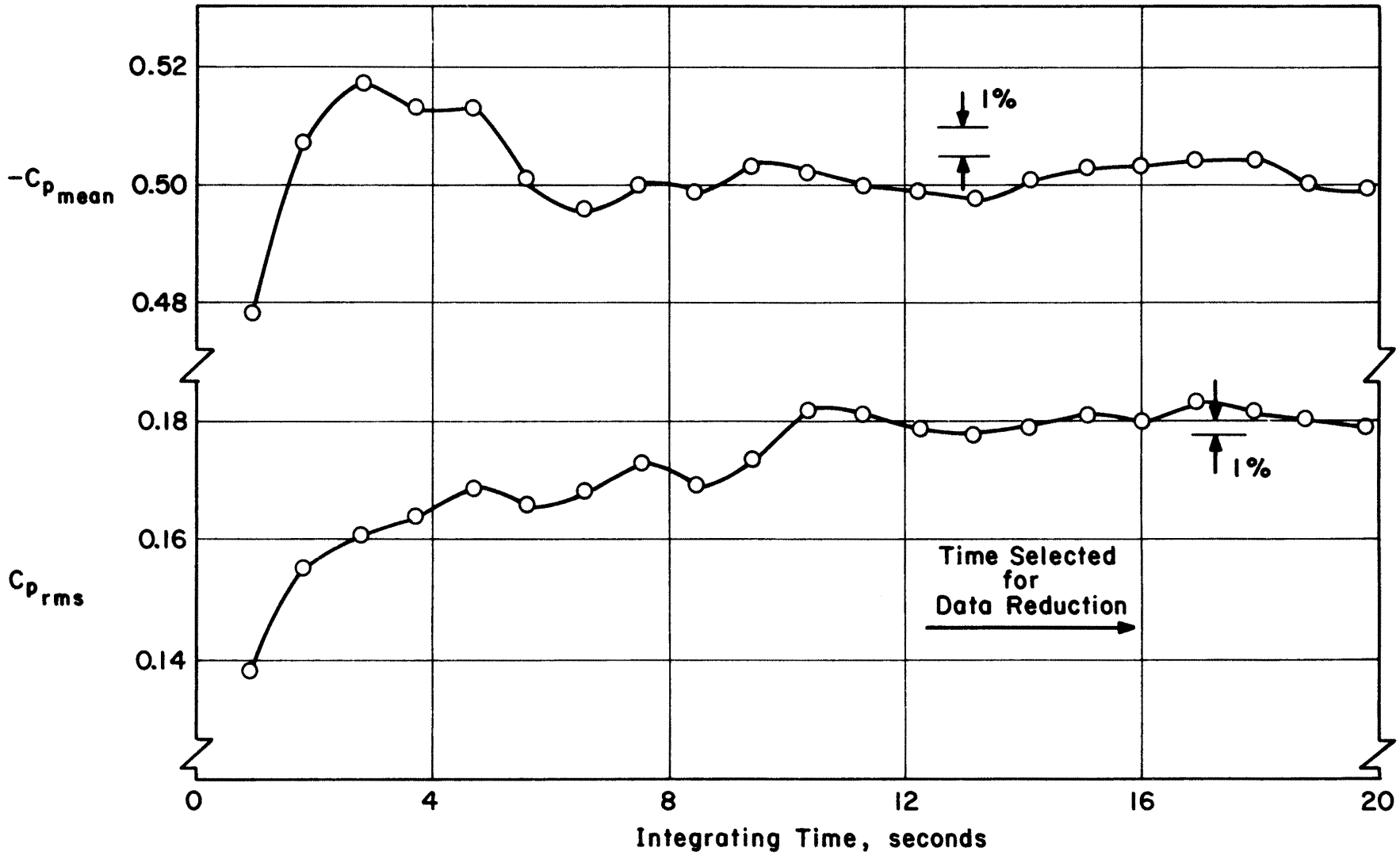


Figure 6. Data Sampling Time Verification

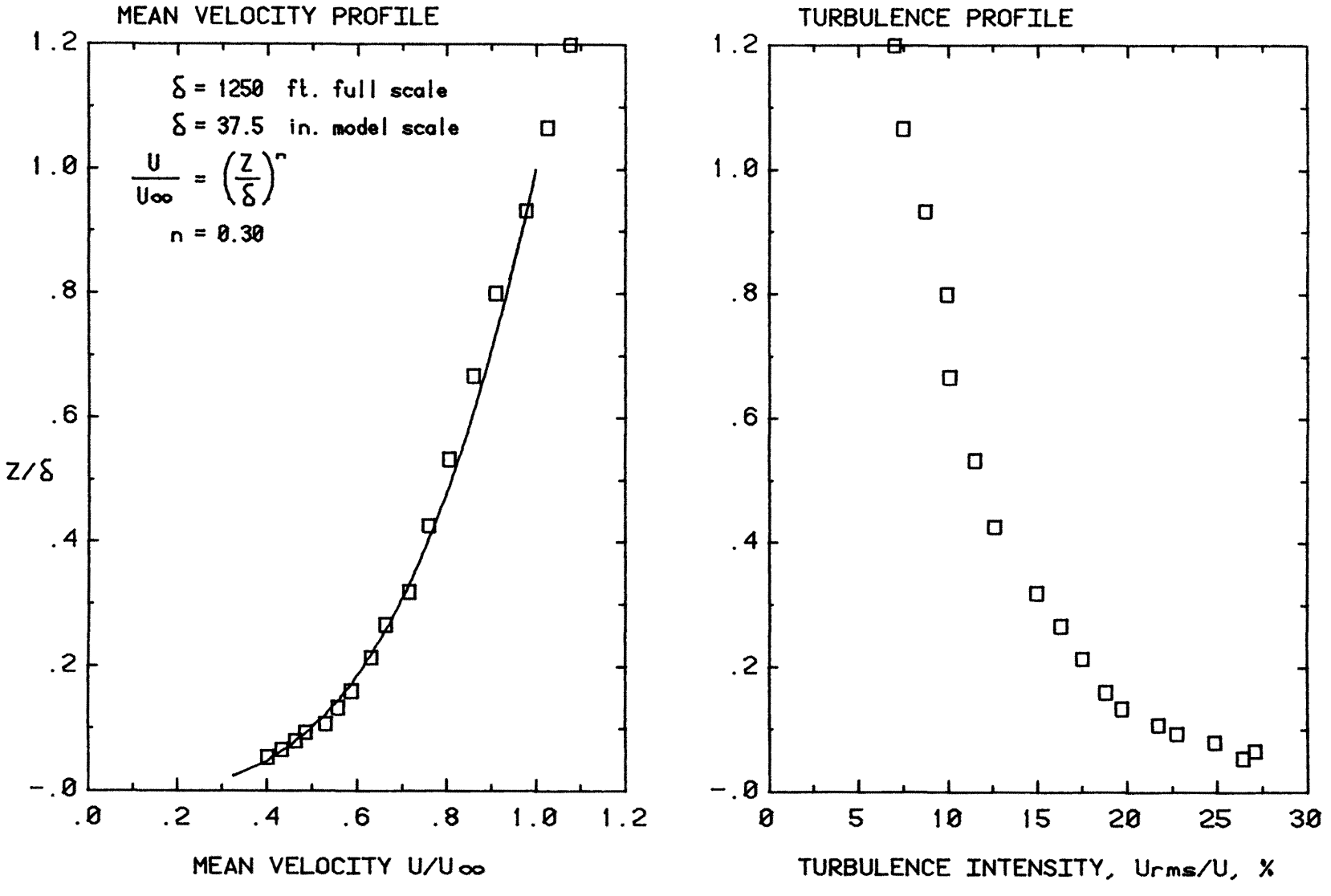


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

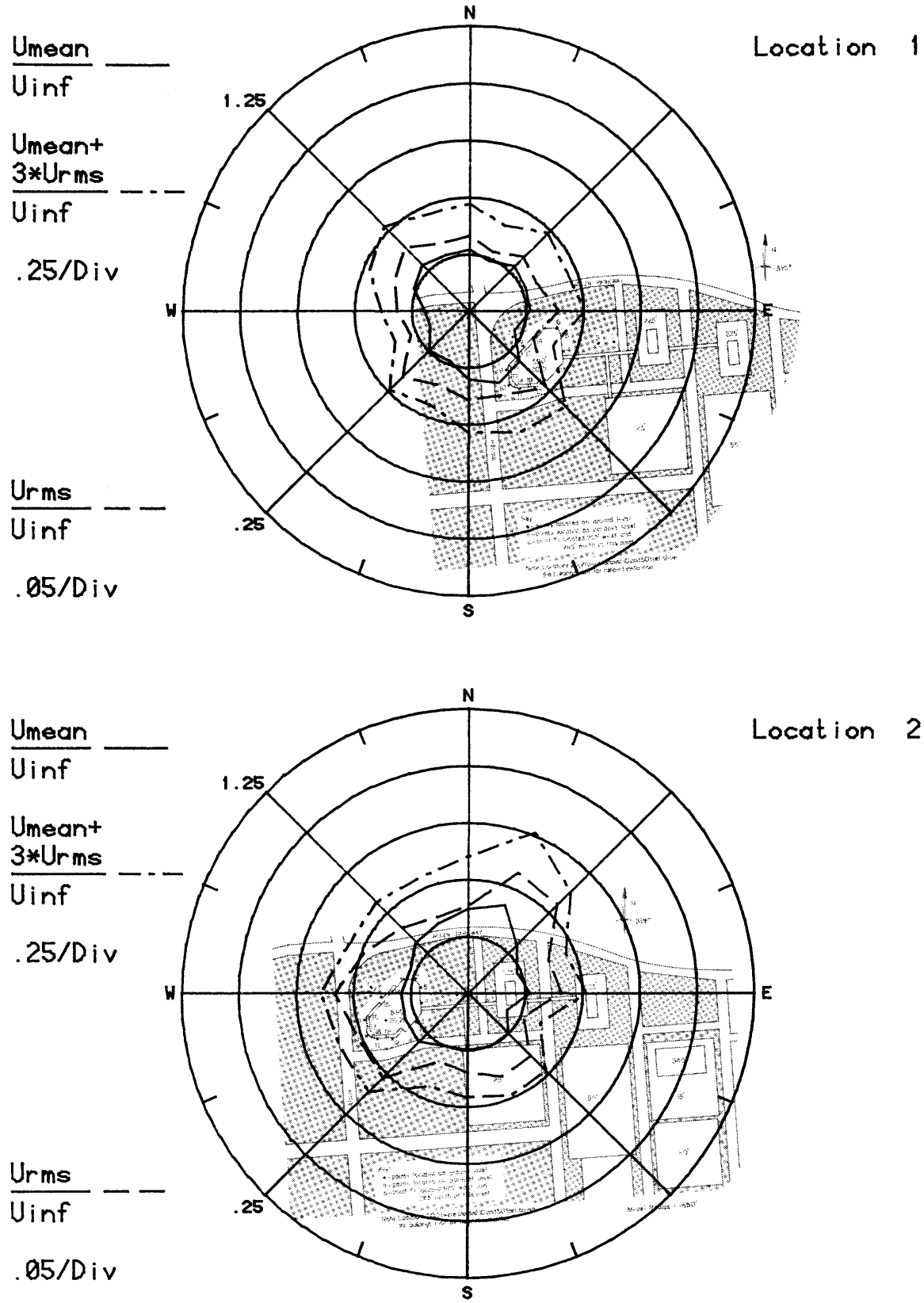


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

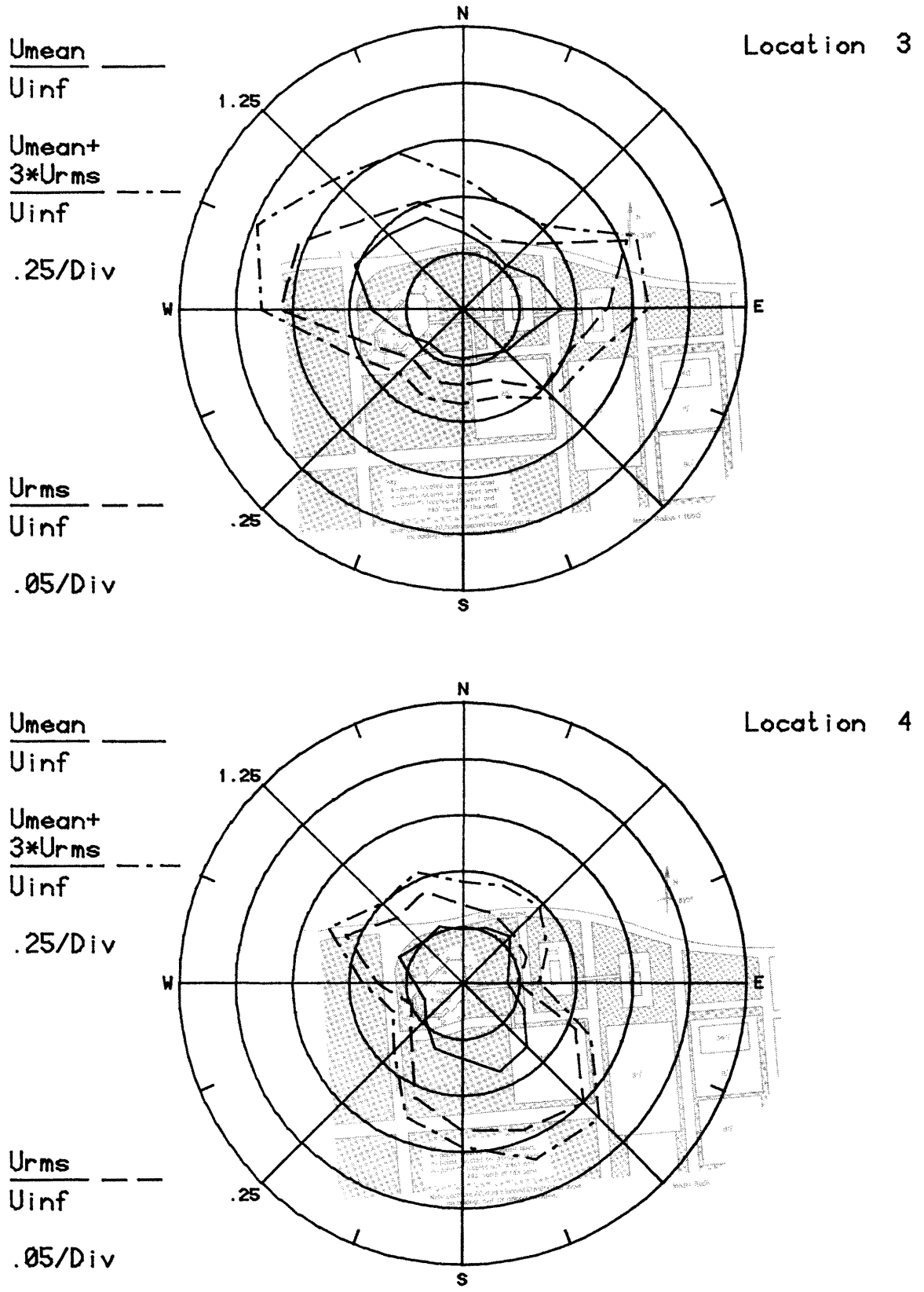
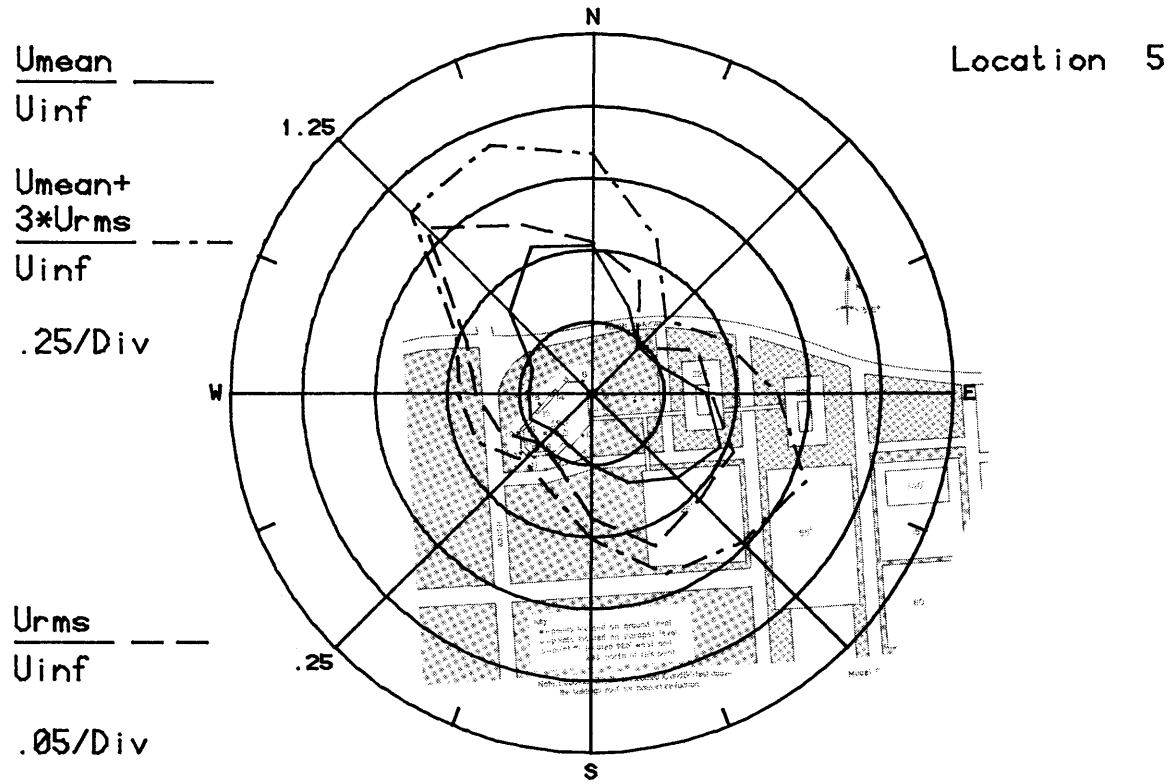


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4



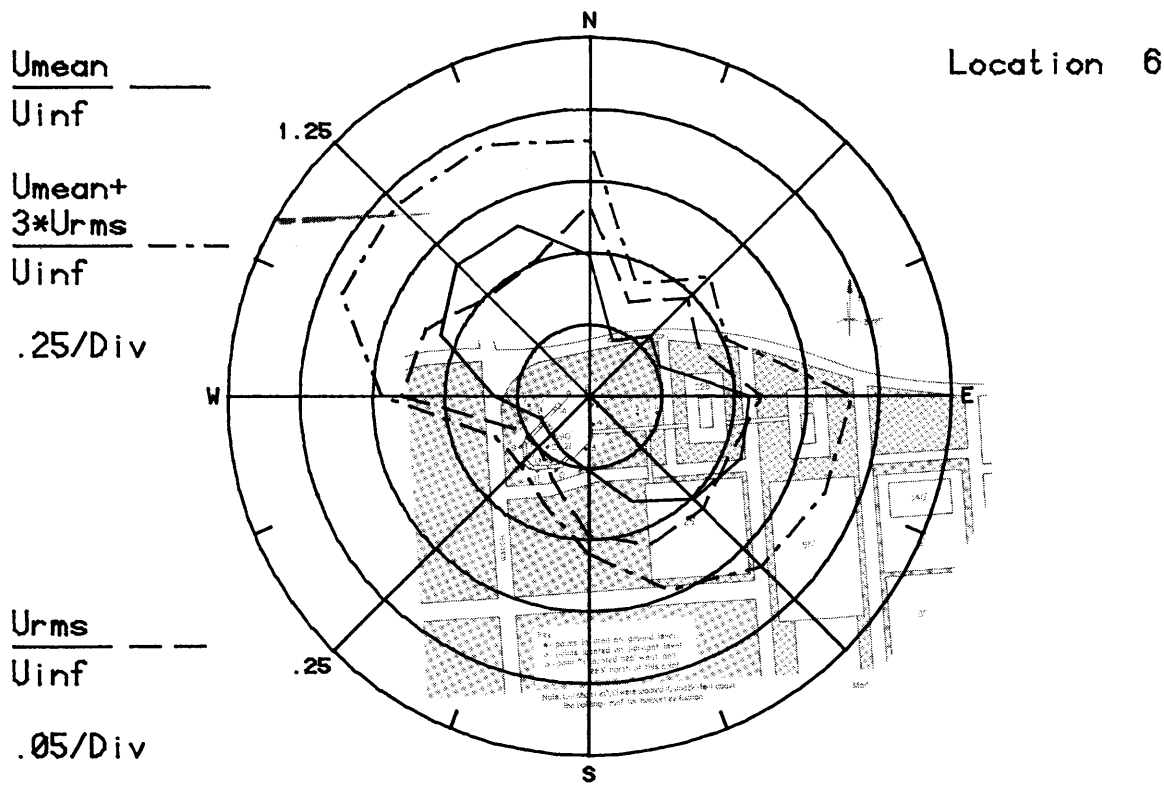


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

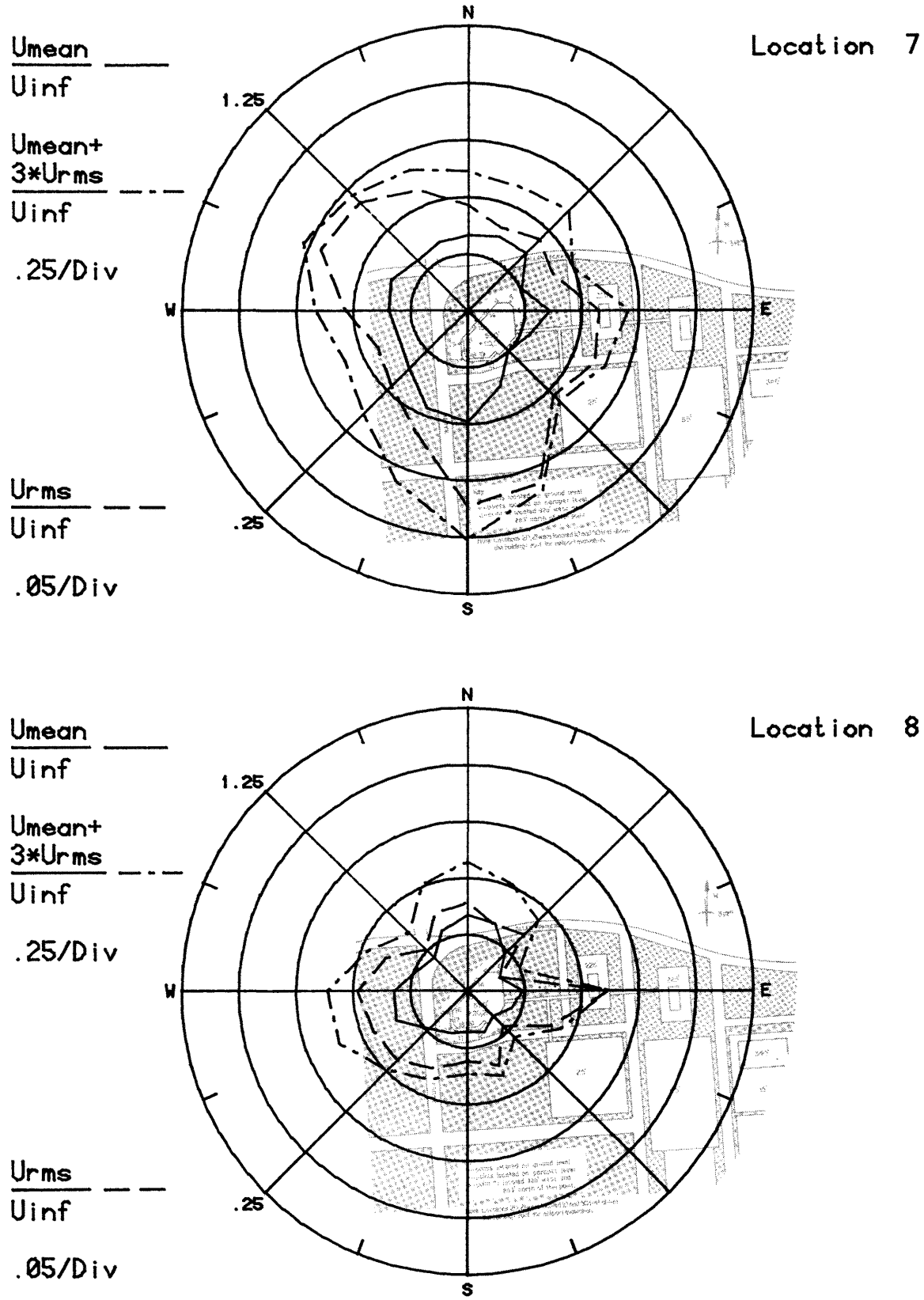
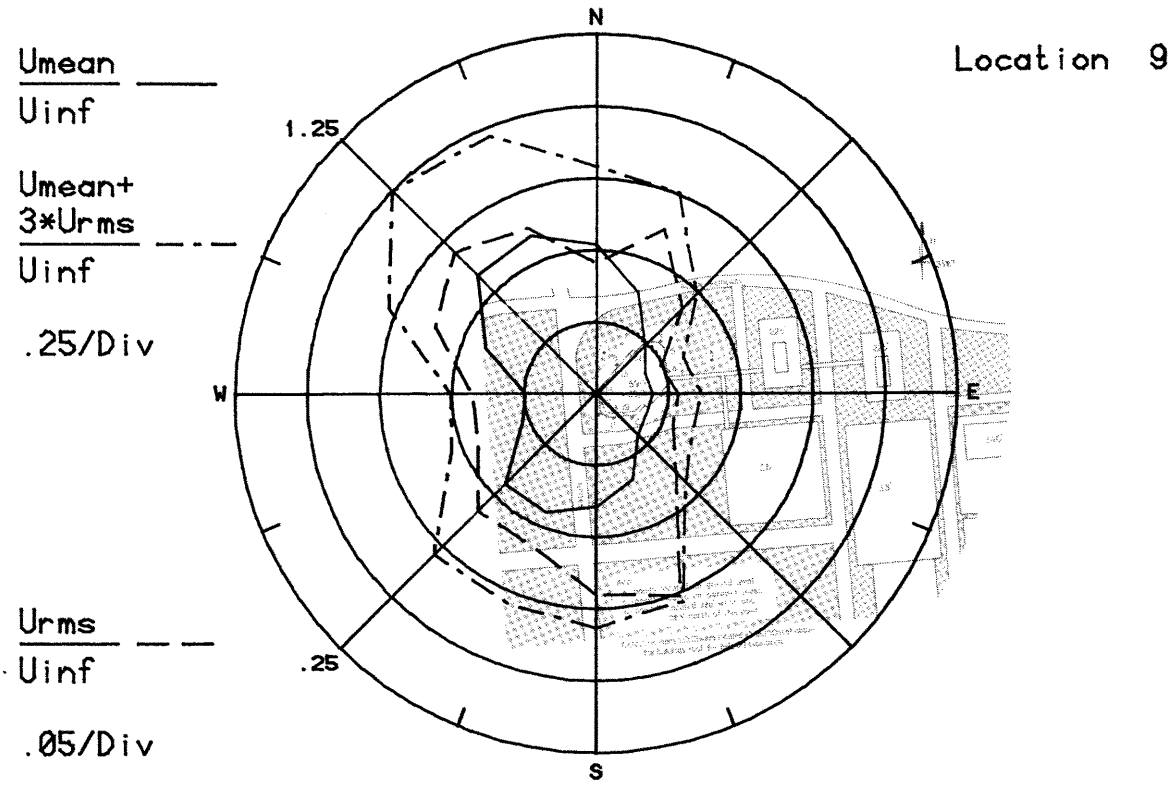


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8



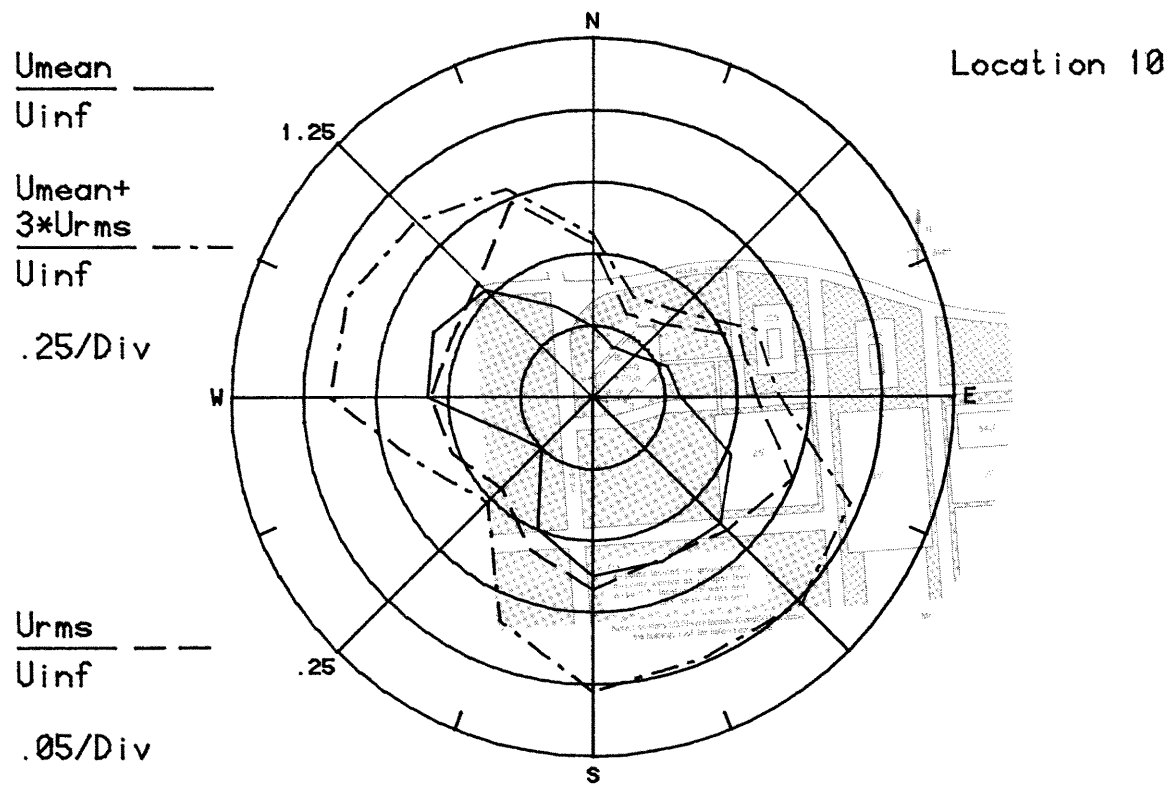
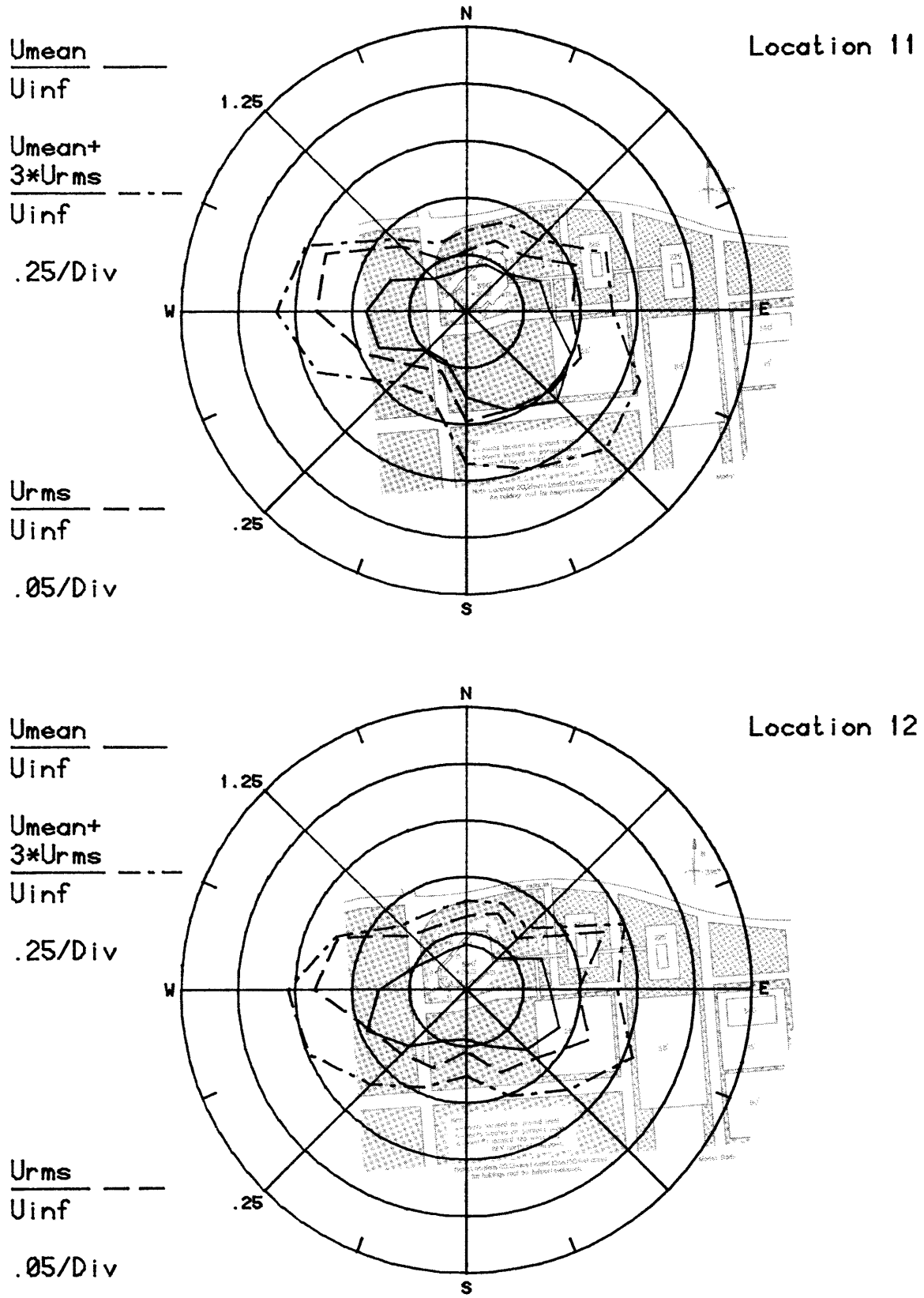


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10



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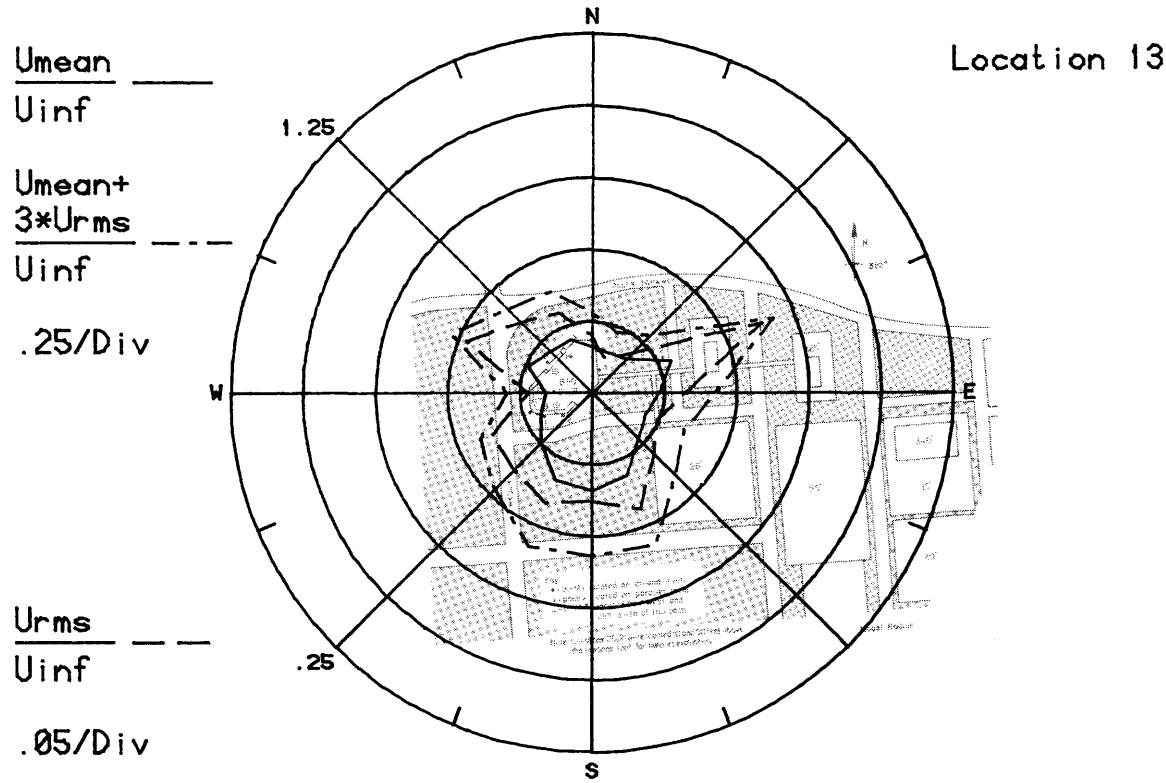


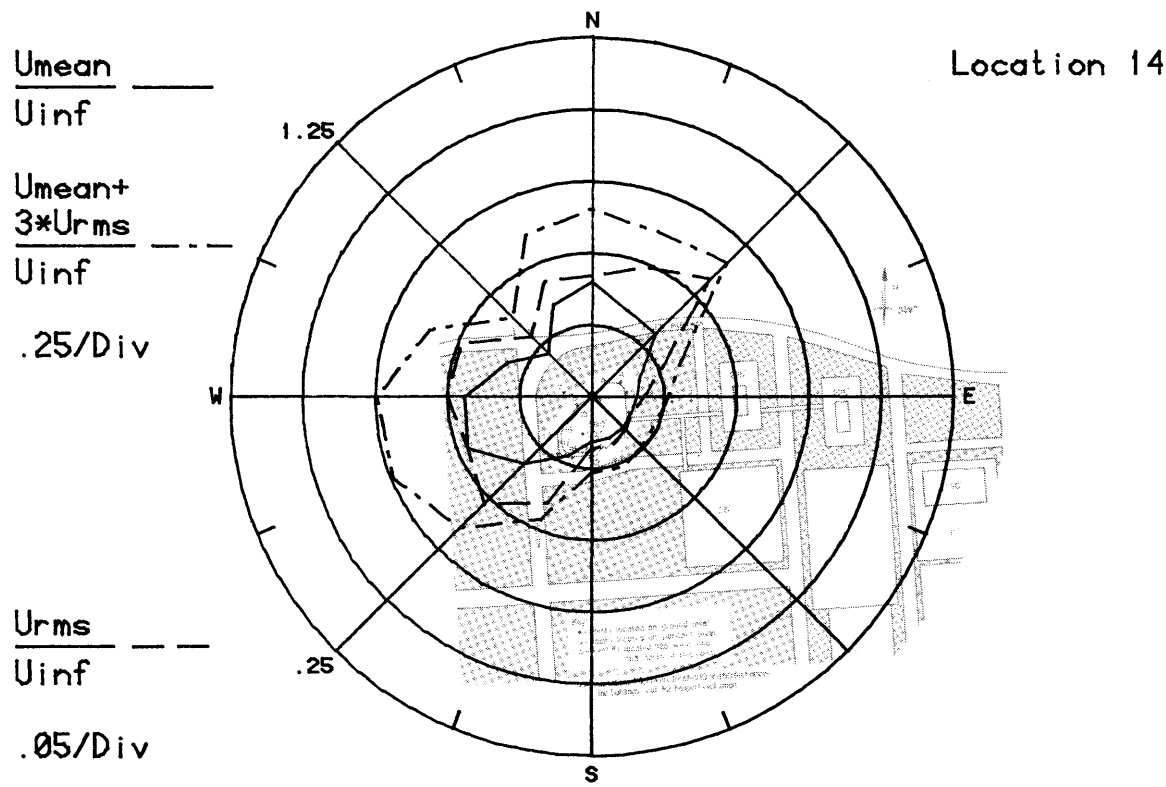


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

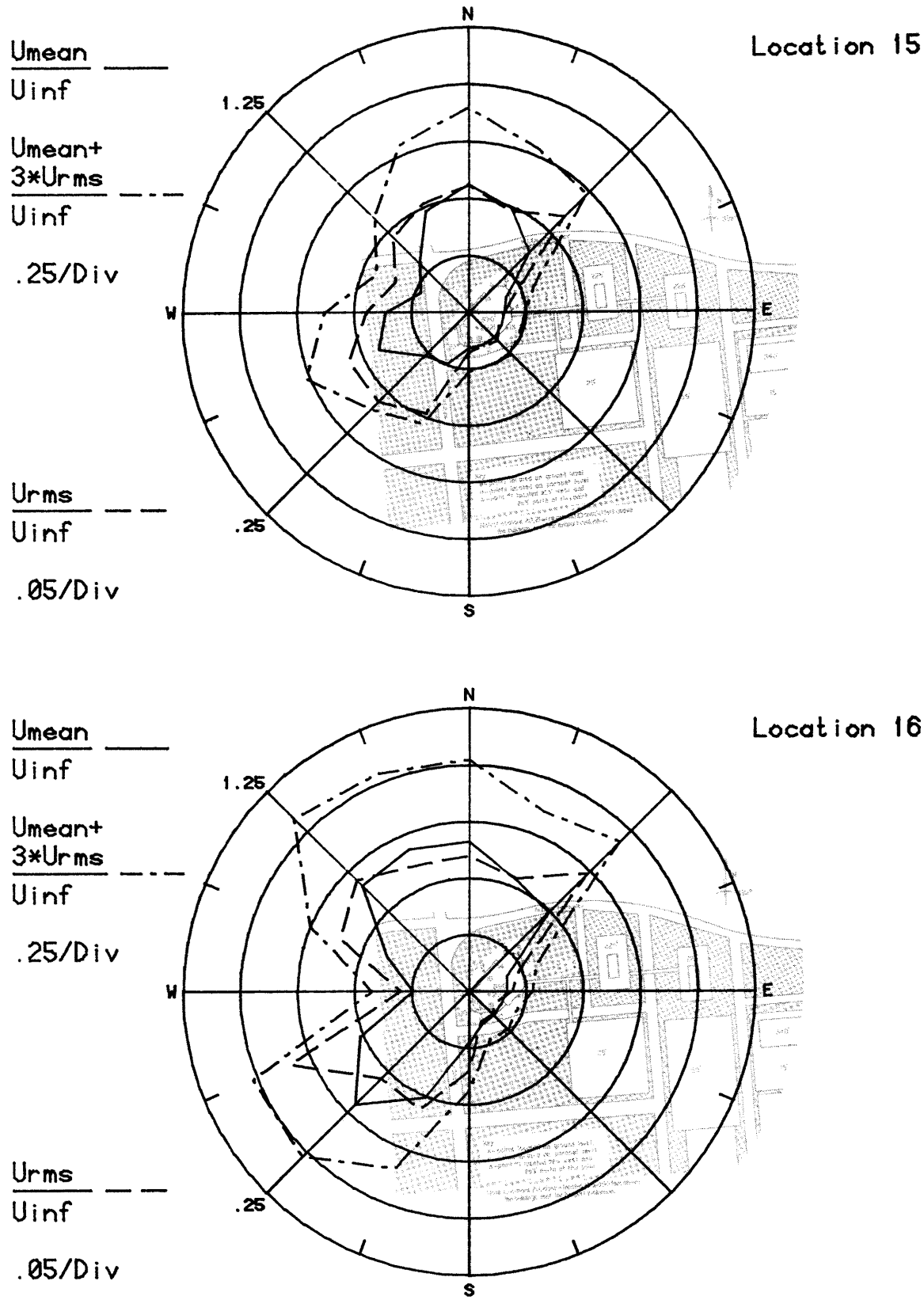
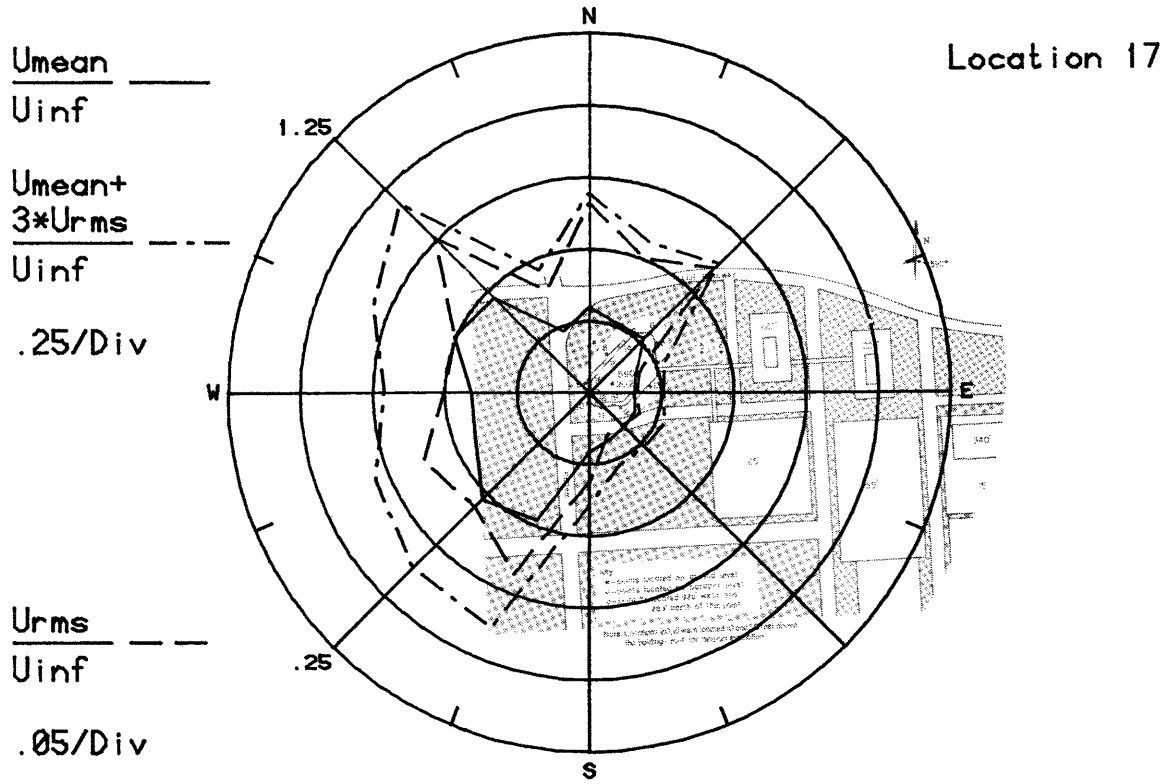


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16



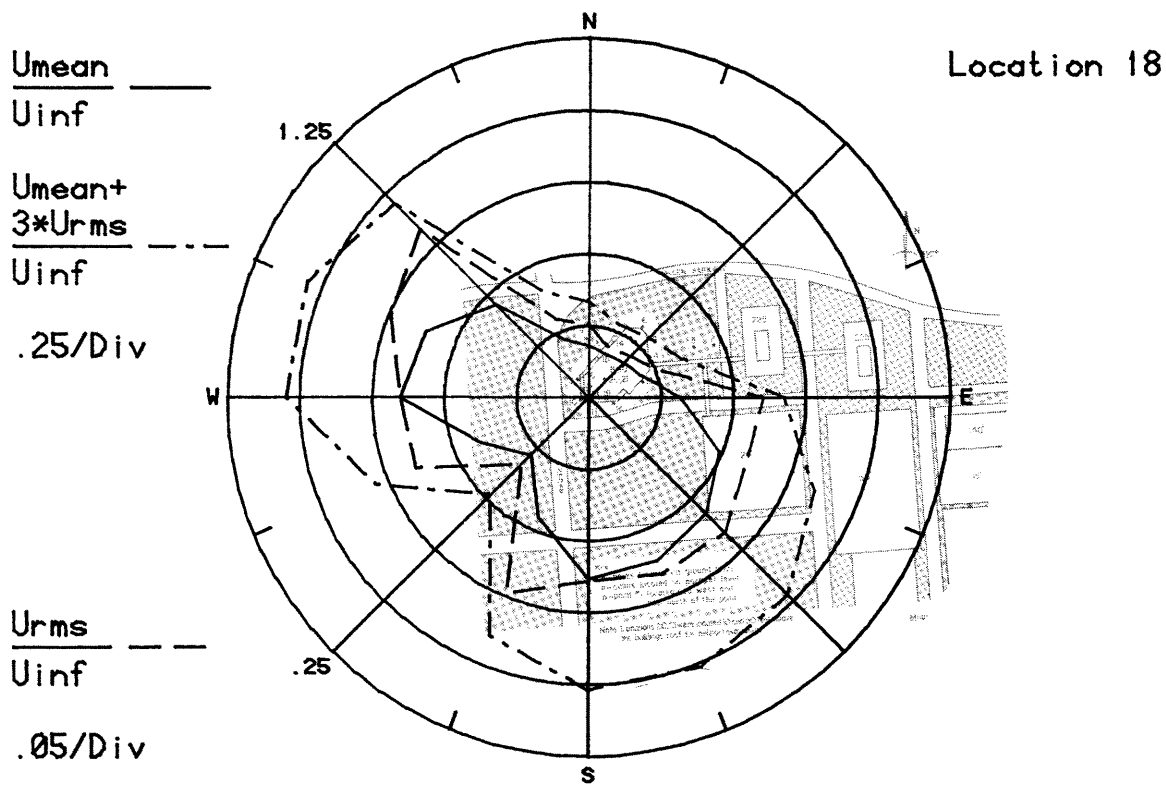


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

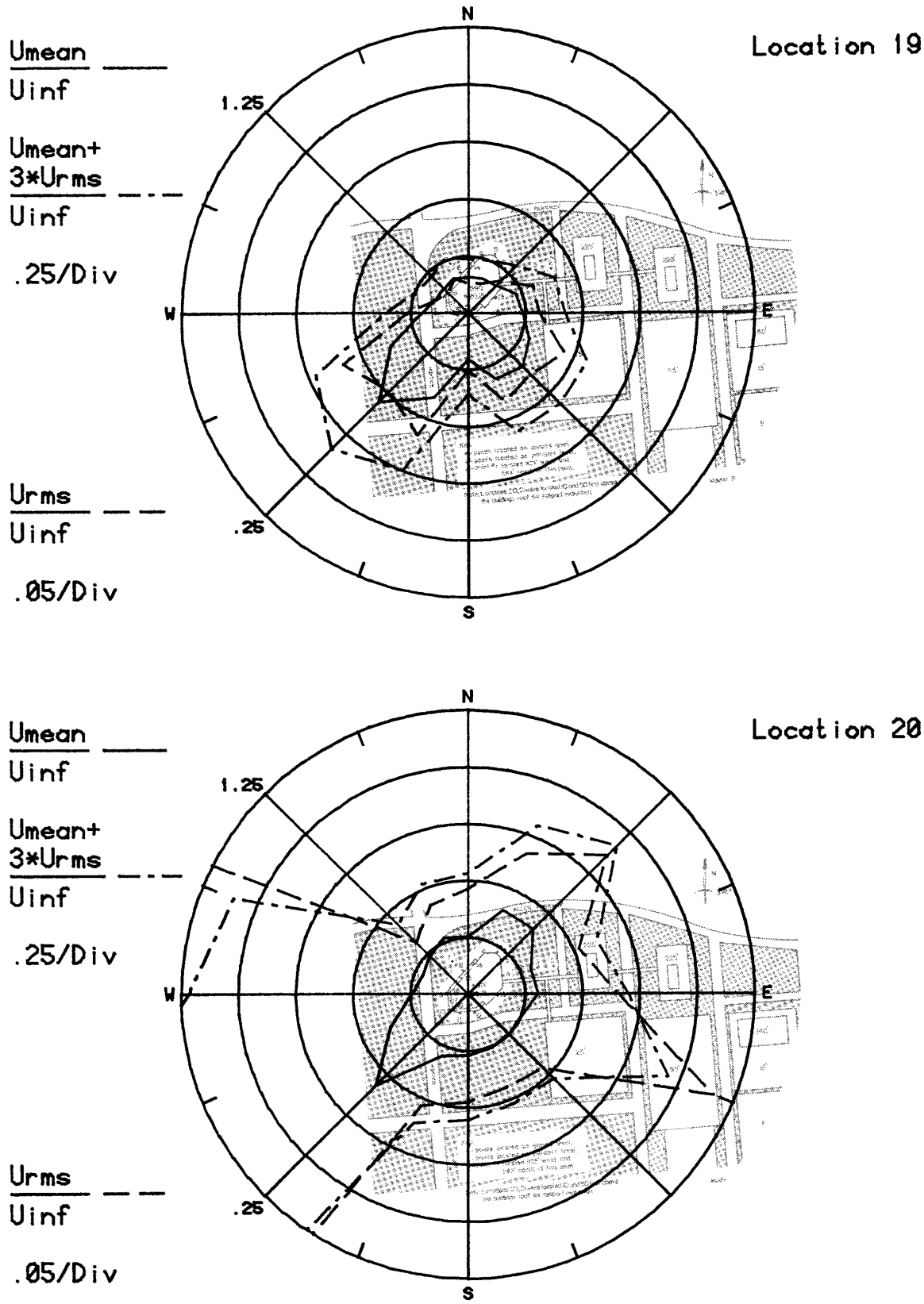


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Locations 19 and 20

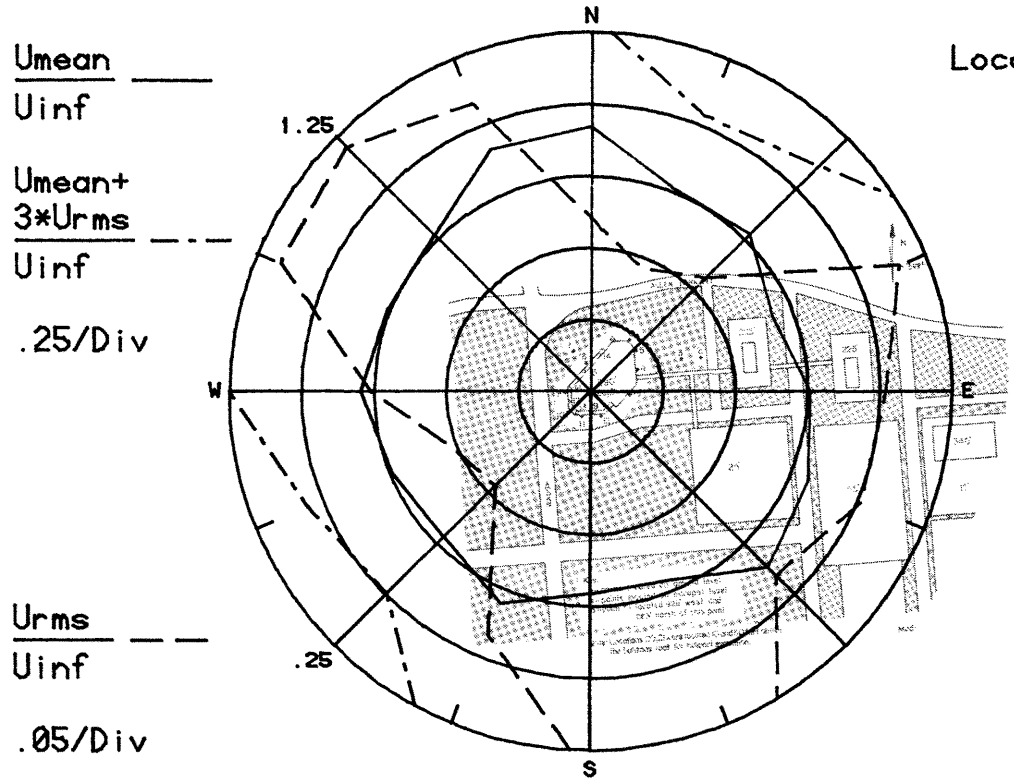


Figure 8k. Mean Velocities and Turbulence Intensities at Pedestrian Location 21

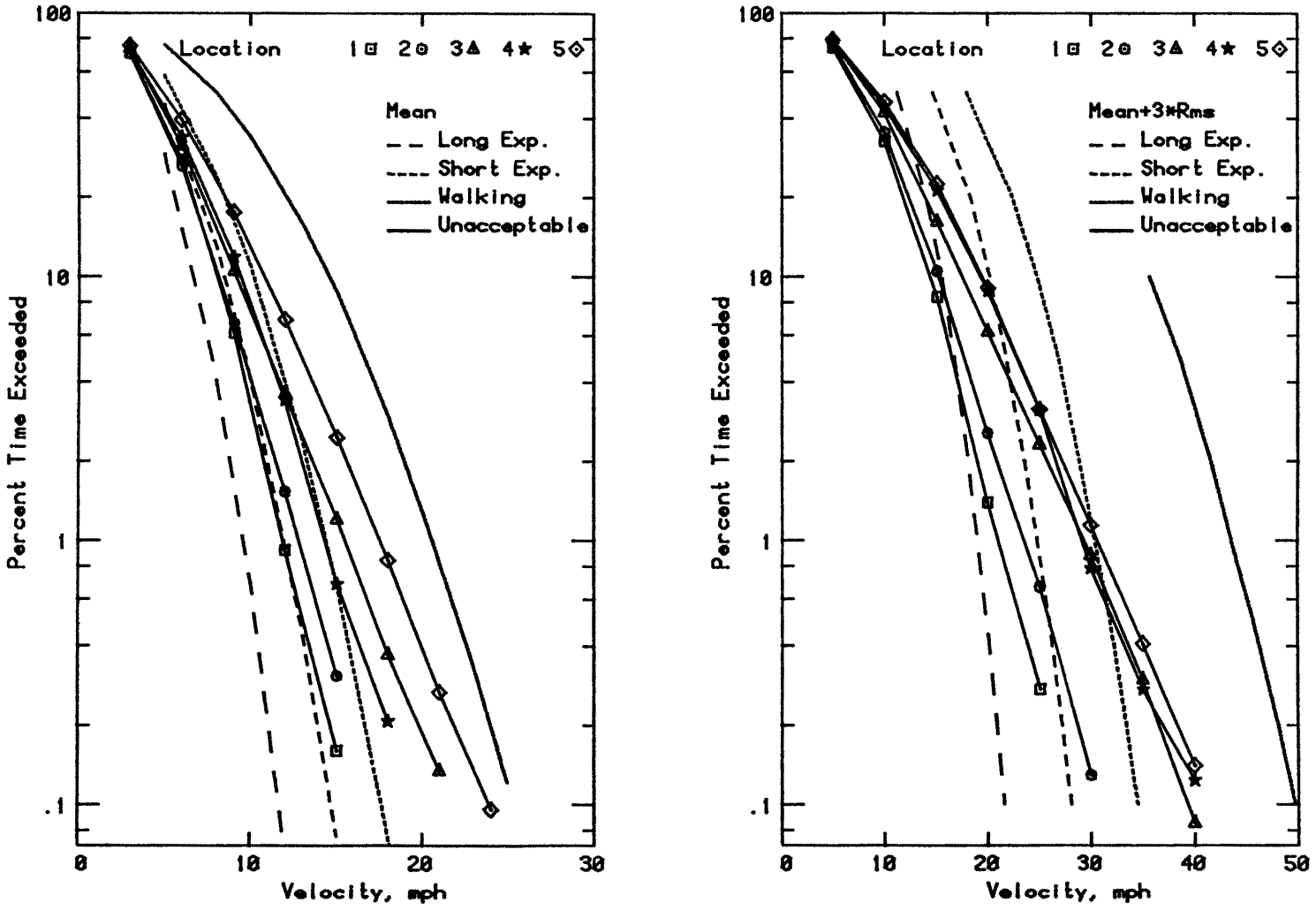


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

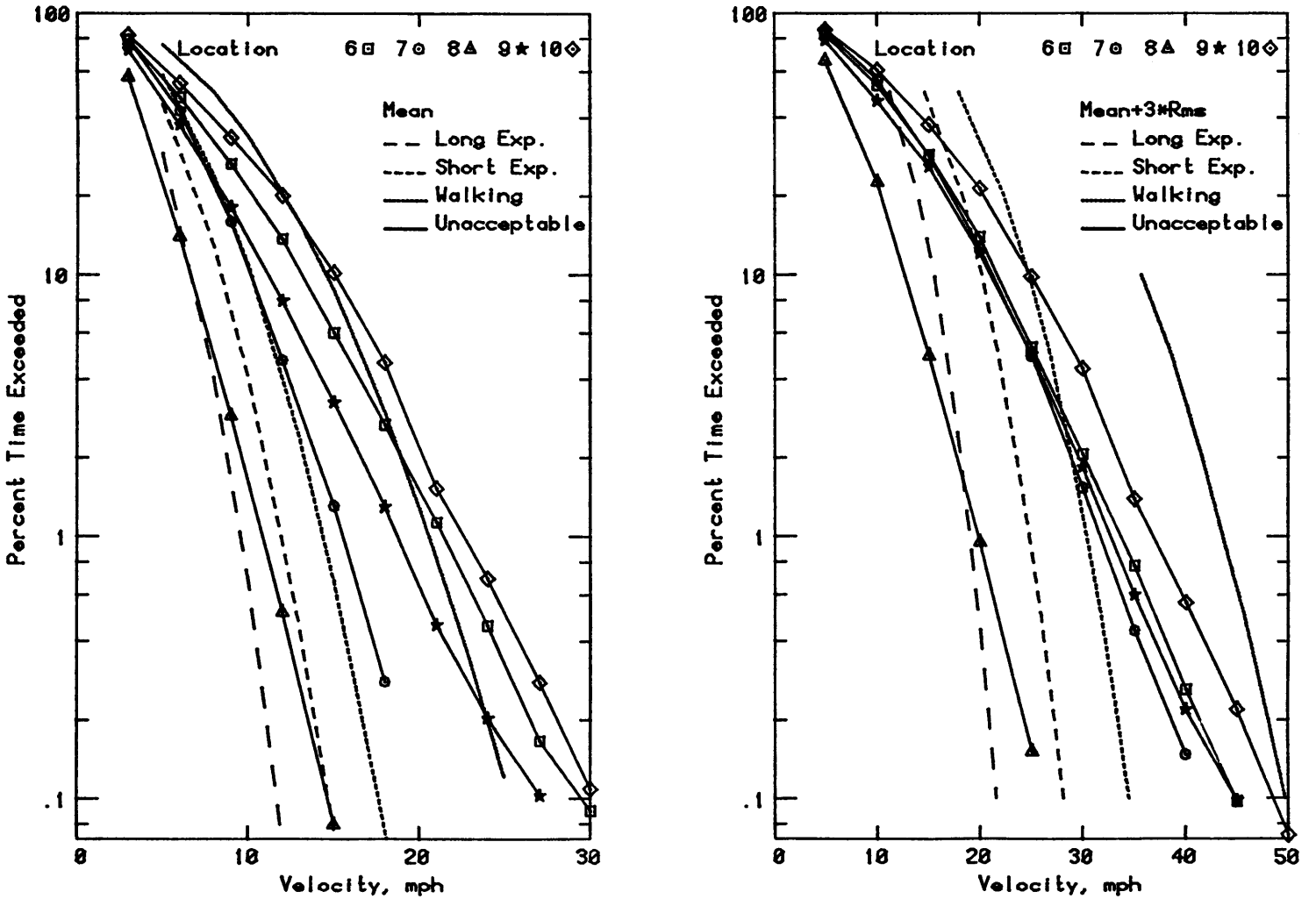


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

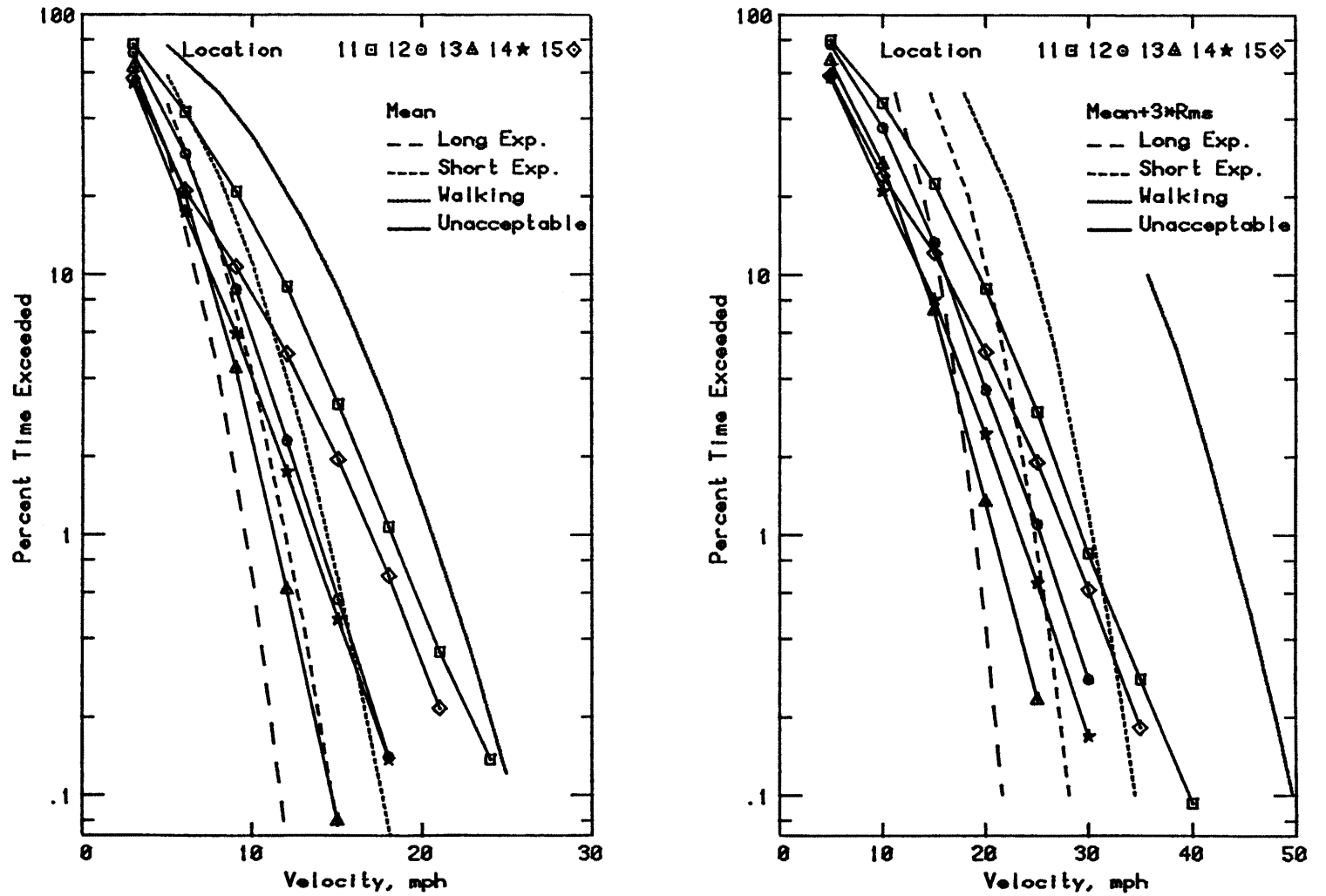


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

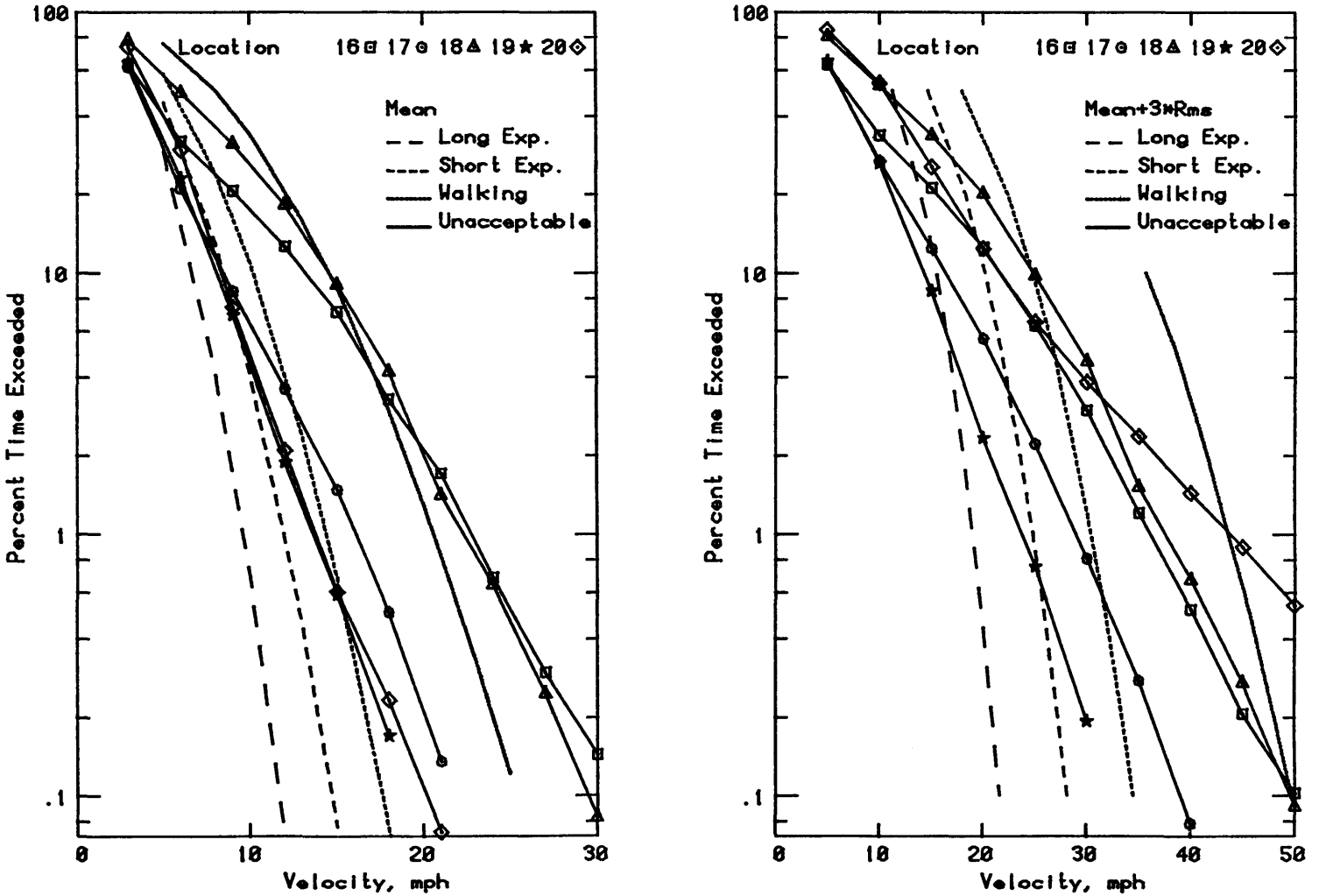


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

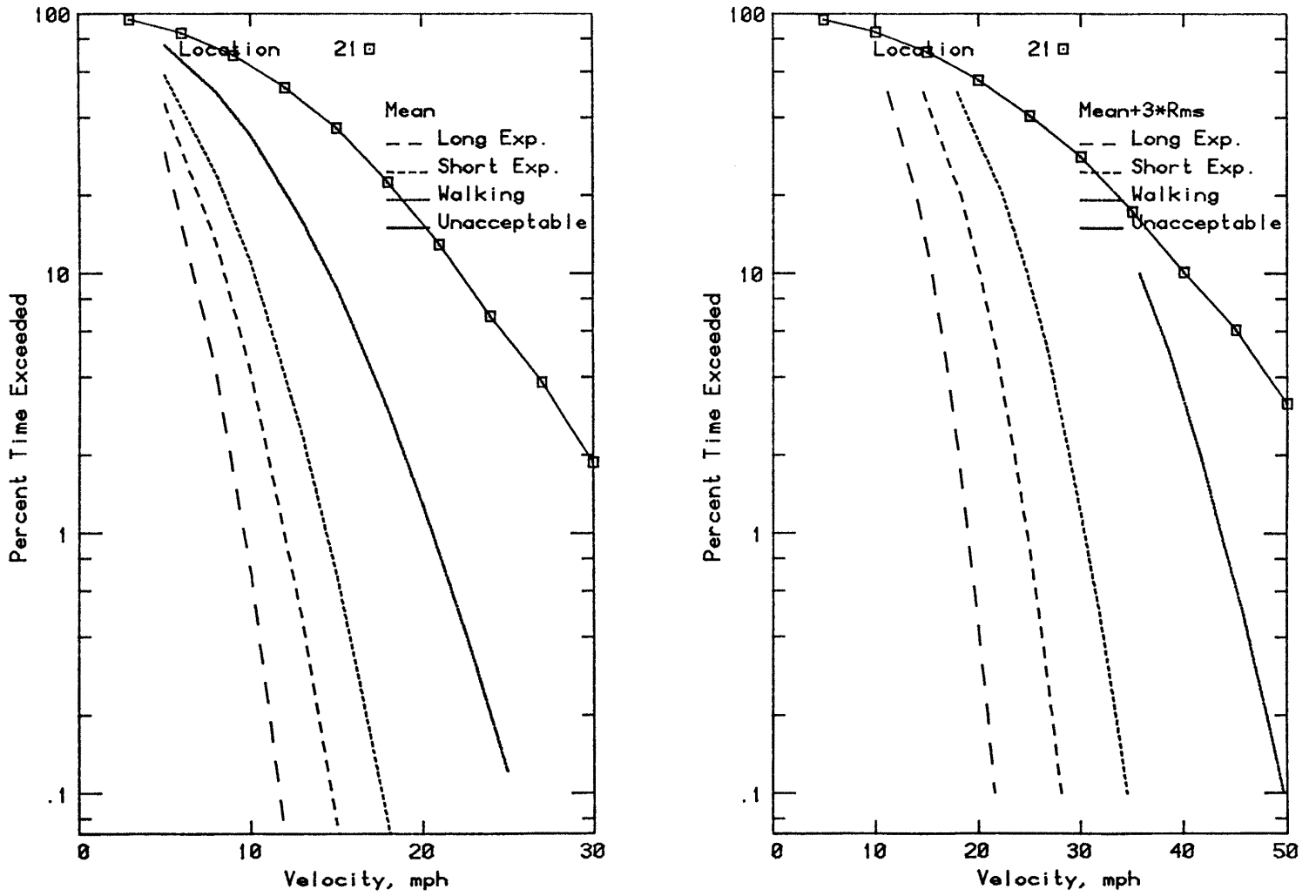


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

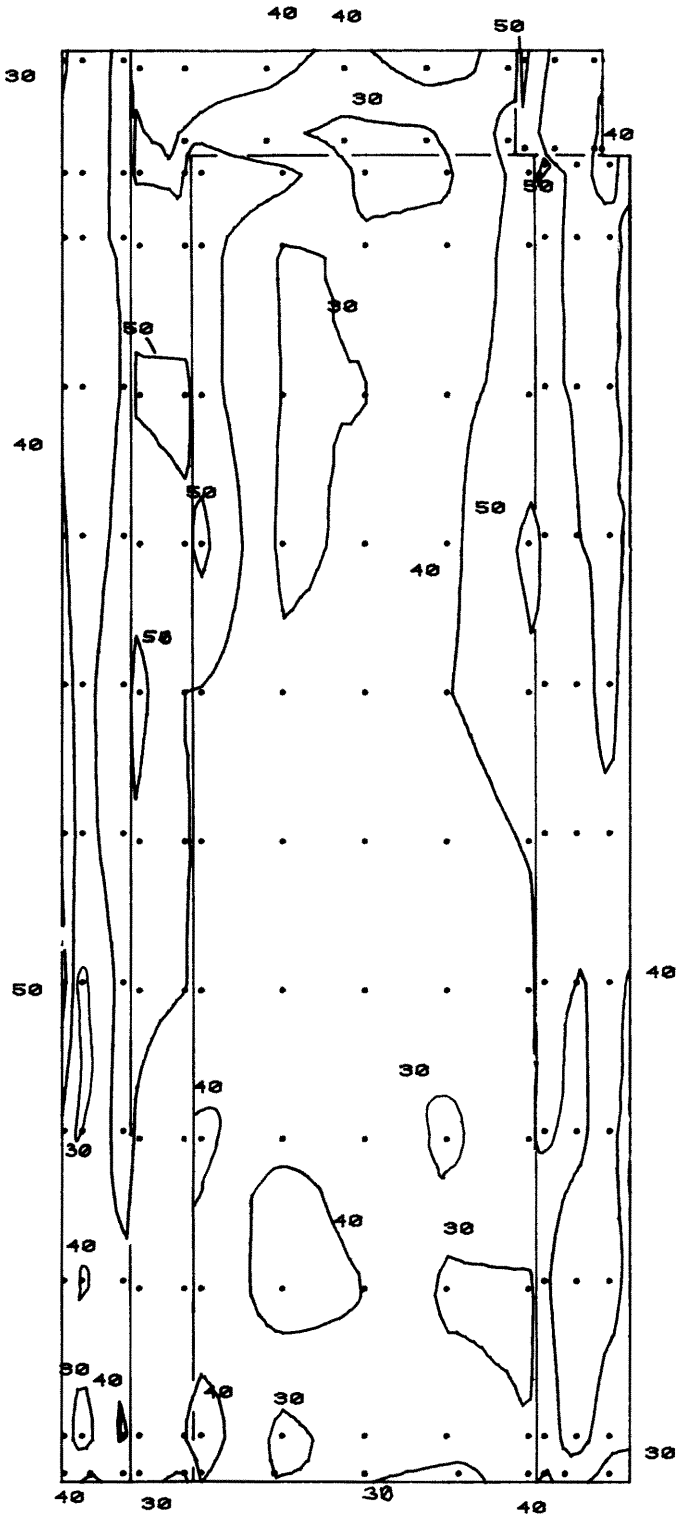


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads

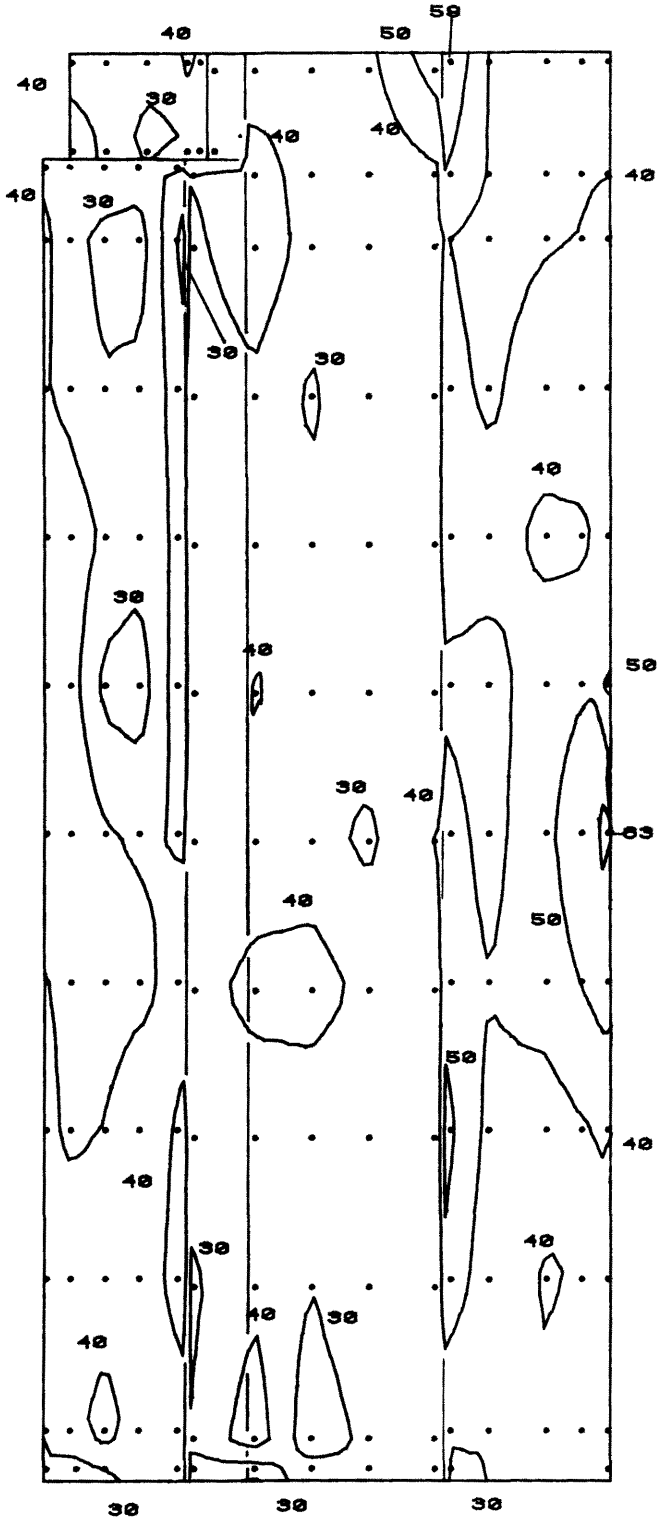
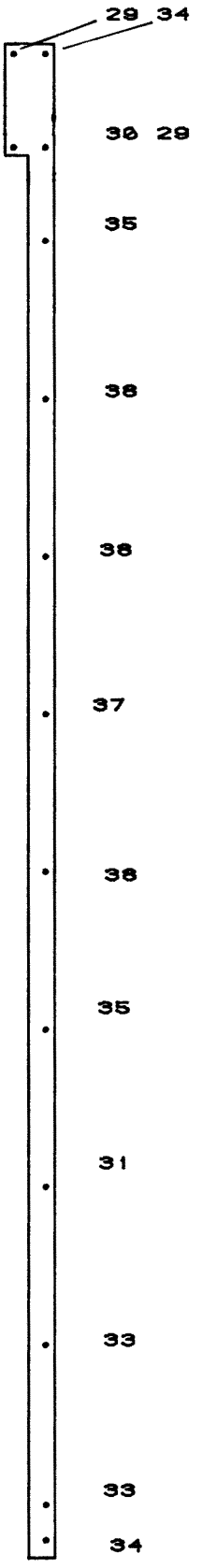


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads



WEST STRIP
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 30 PSF

Figure 10c. Peak Pressure Contours on the Building for Cladding Loads

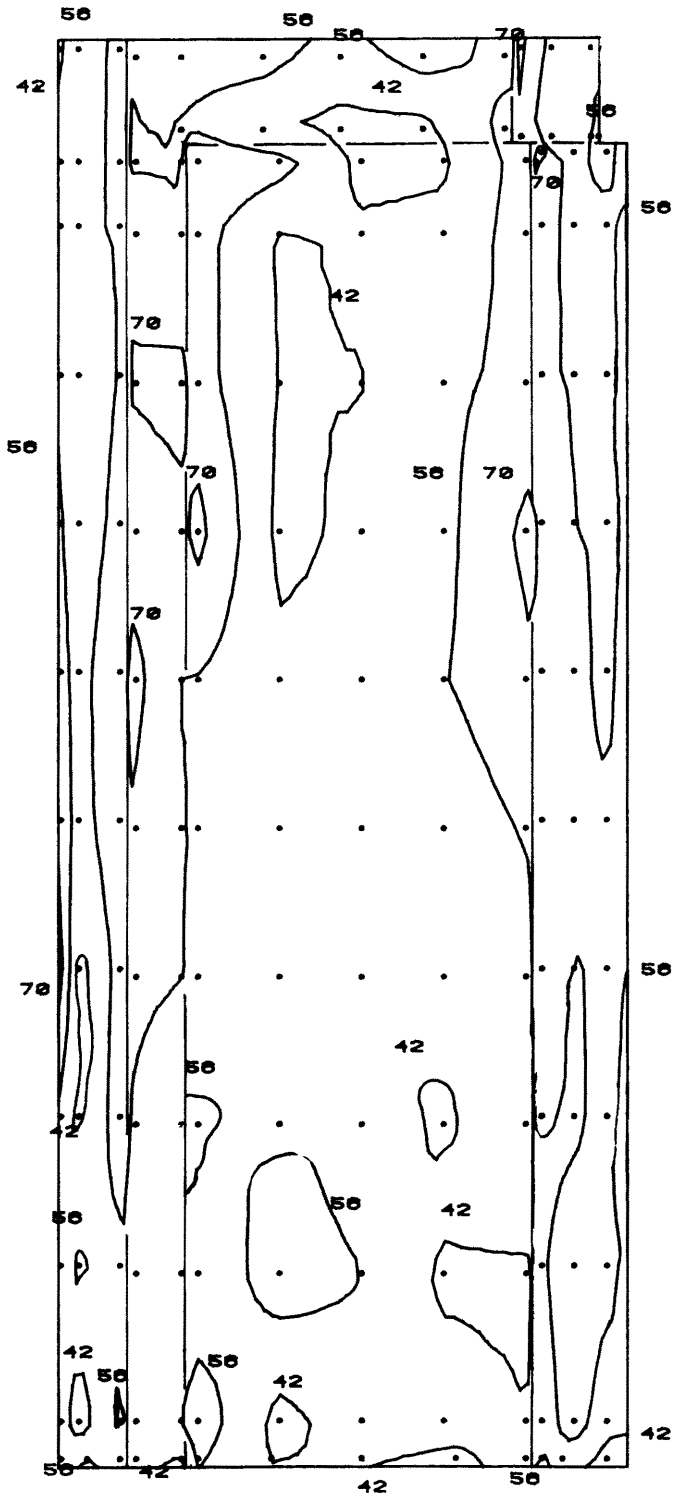


Figure 10d. Peak Pressure Contours on the Building for Cladding Loads

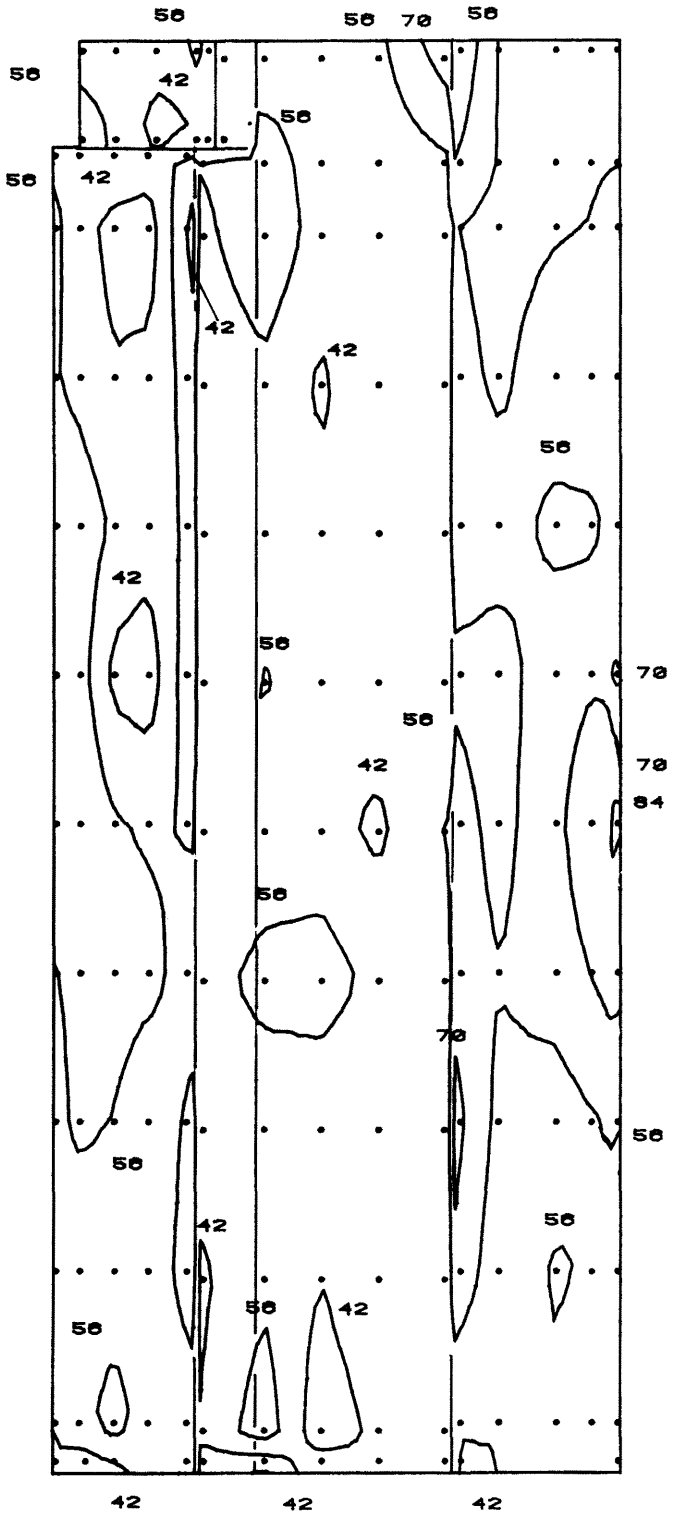


Figure 10e. Peak Pressure Contours on the Building for Cladding Loads

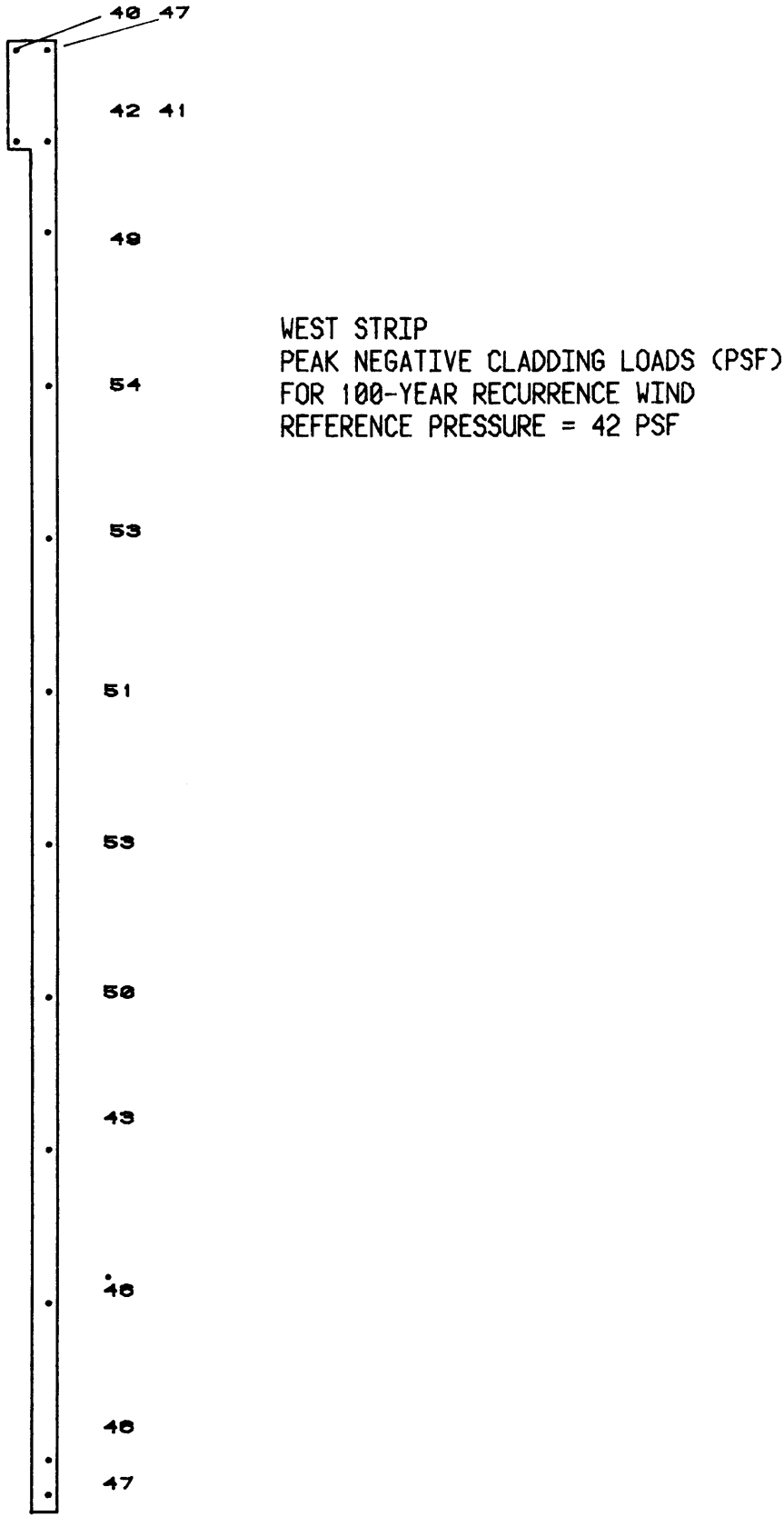


Figure 10f. Peak Pressure Contours on the Building for Cladding Loads

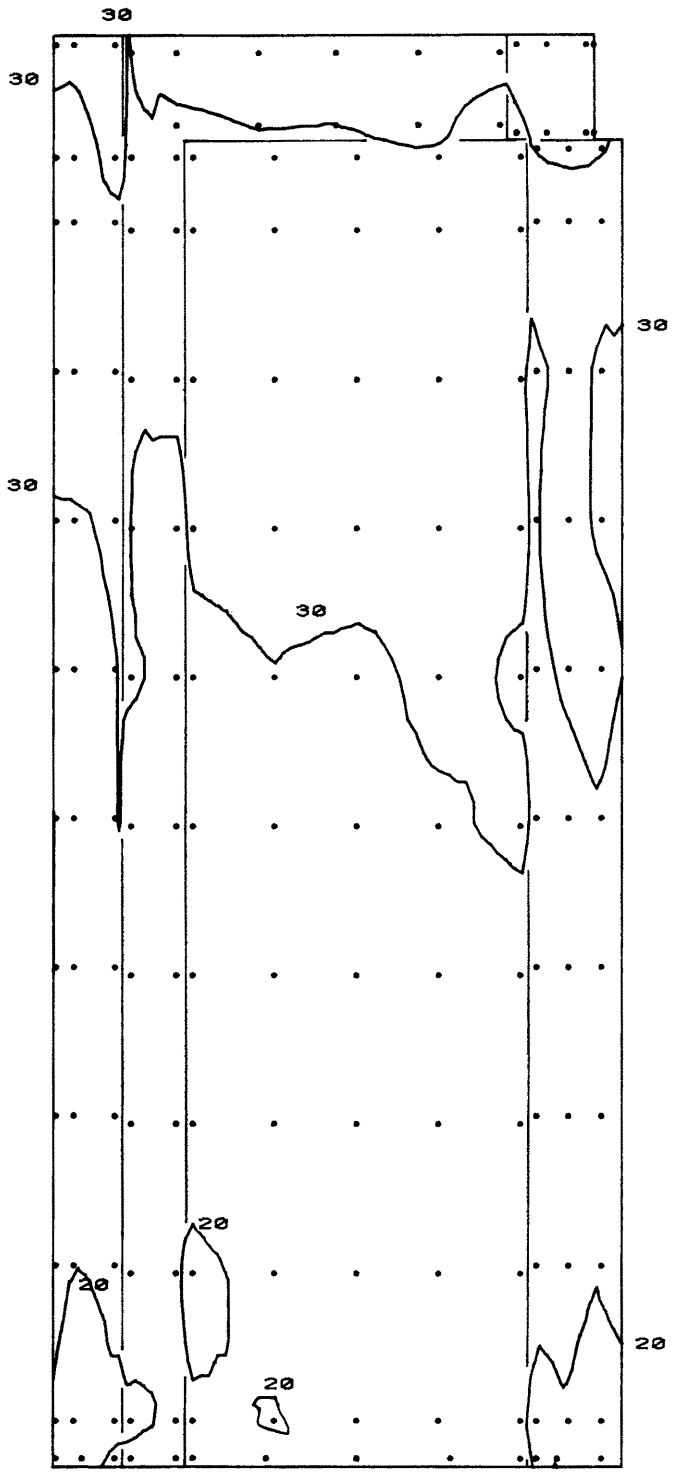
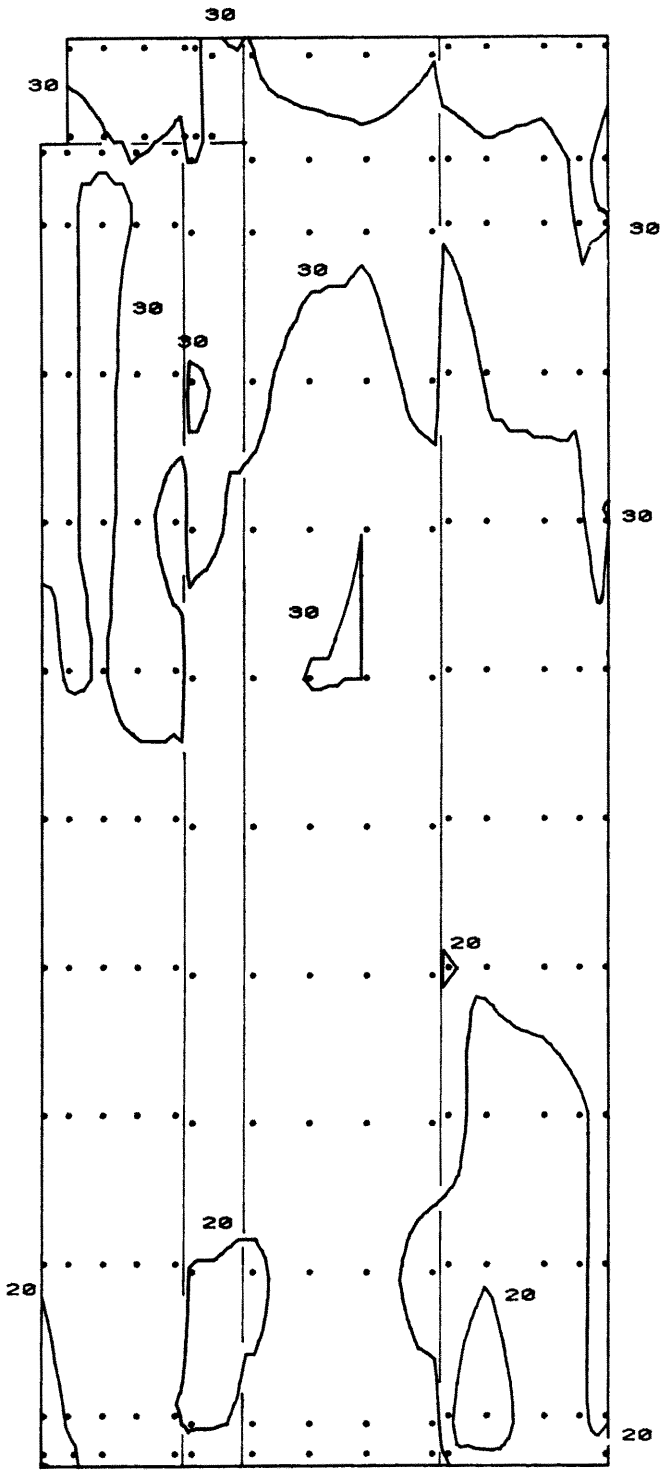


Figure 10g. Peak Pressure Contours on the Building for Cladding Loads



SOUTH ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 30 PSF

Figure 10h. Peak Pressure Contours on the Building for Cladding Loads

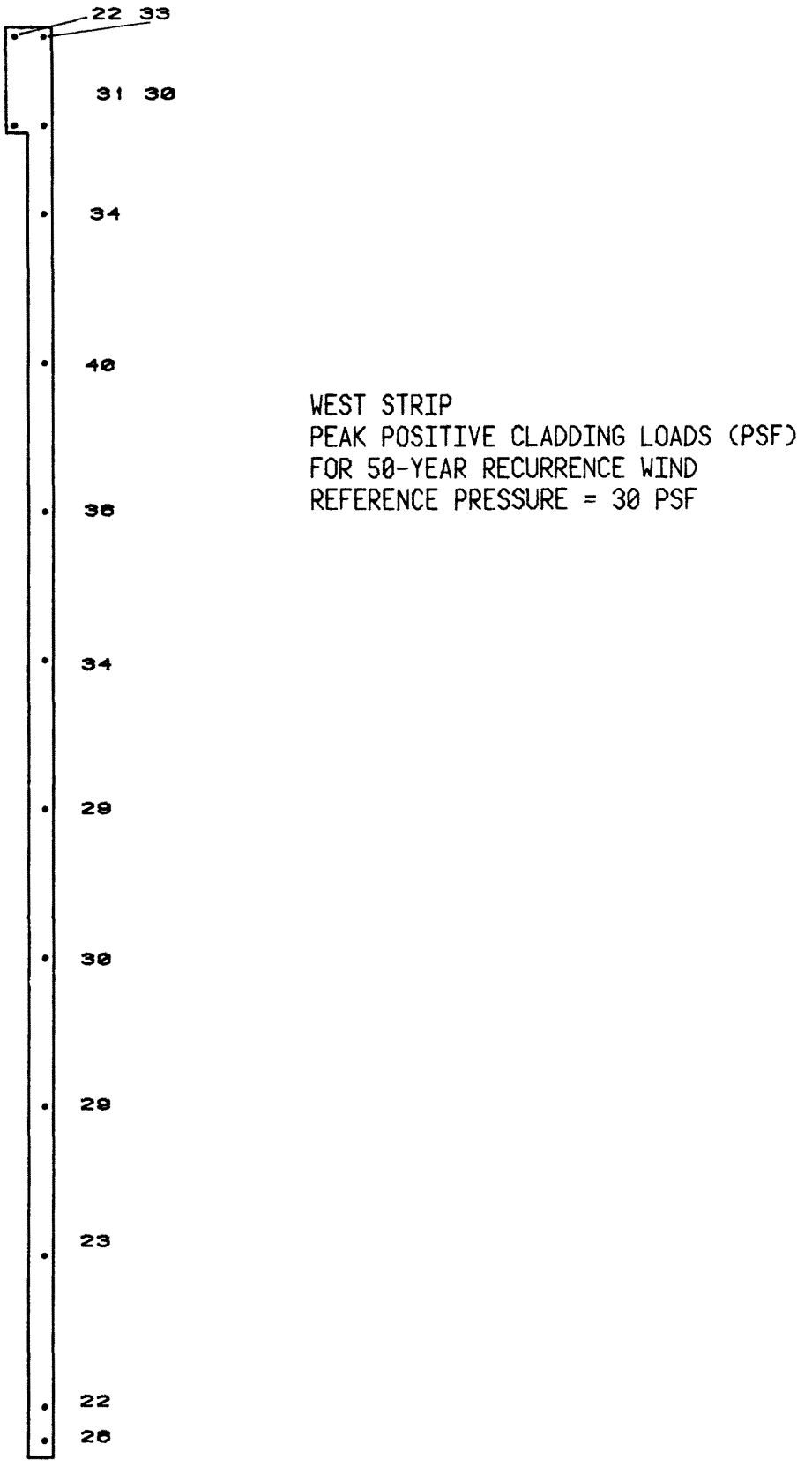
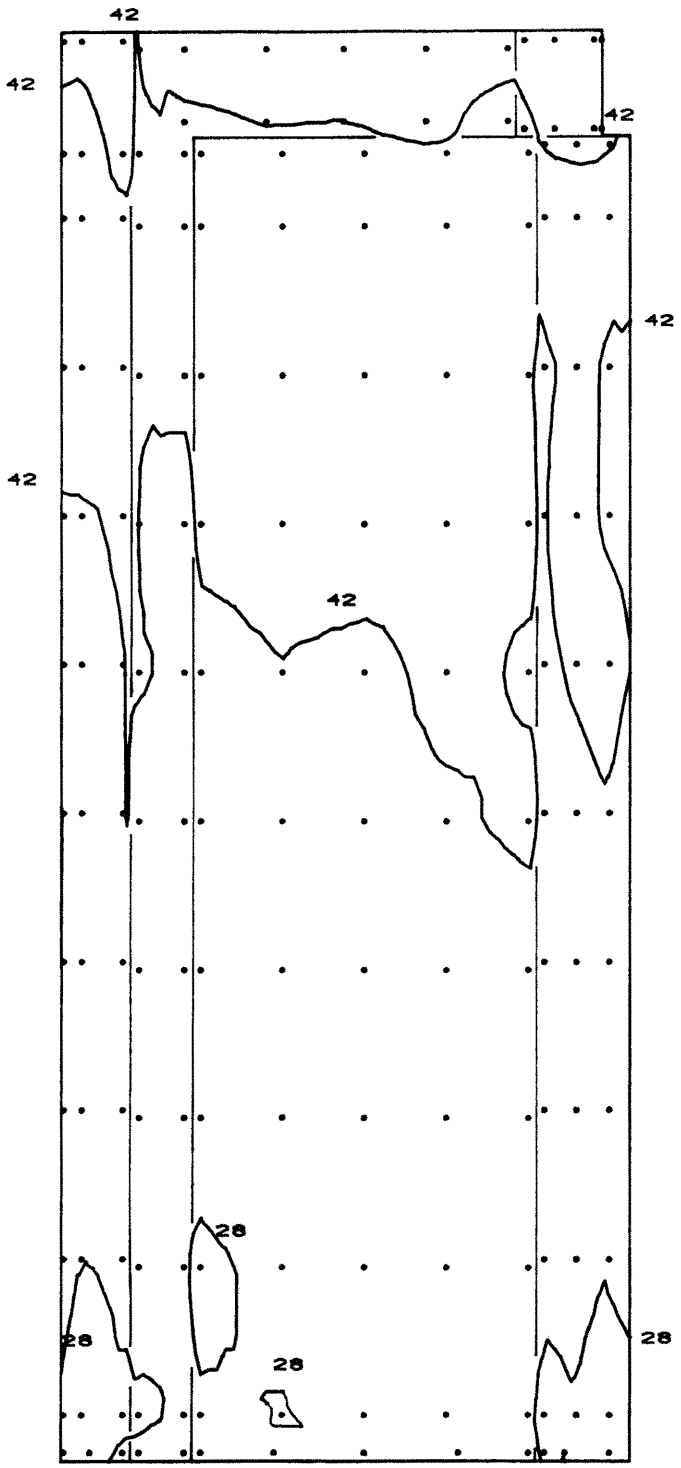
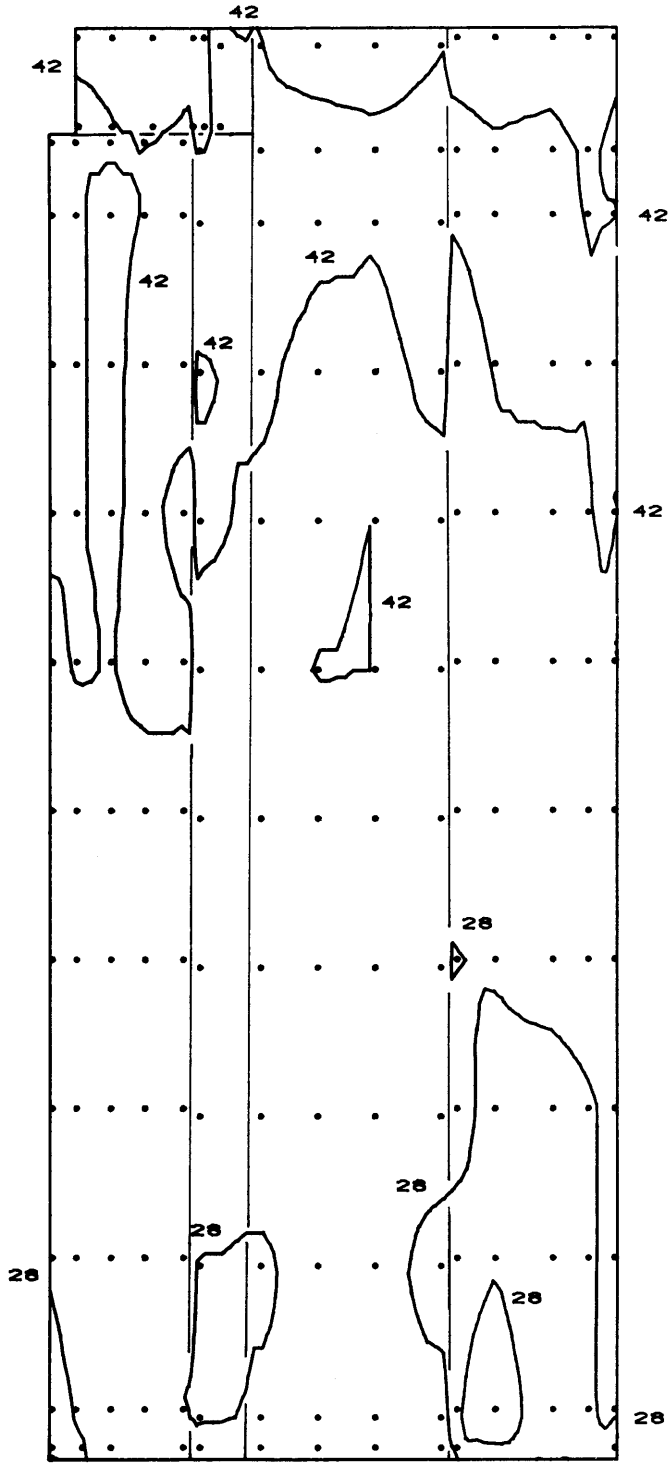


Figure 10i. Peak Pressure Contours on the Building for Cladding Loads



NORTH ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

Figure 10j. Peak Pressure Contours on the Building for Cladding Loads



SOUTH ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

Figure 10k. Peak Pressure Contours on the Building for Cladding Loads

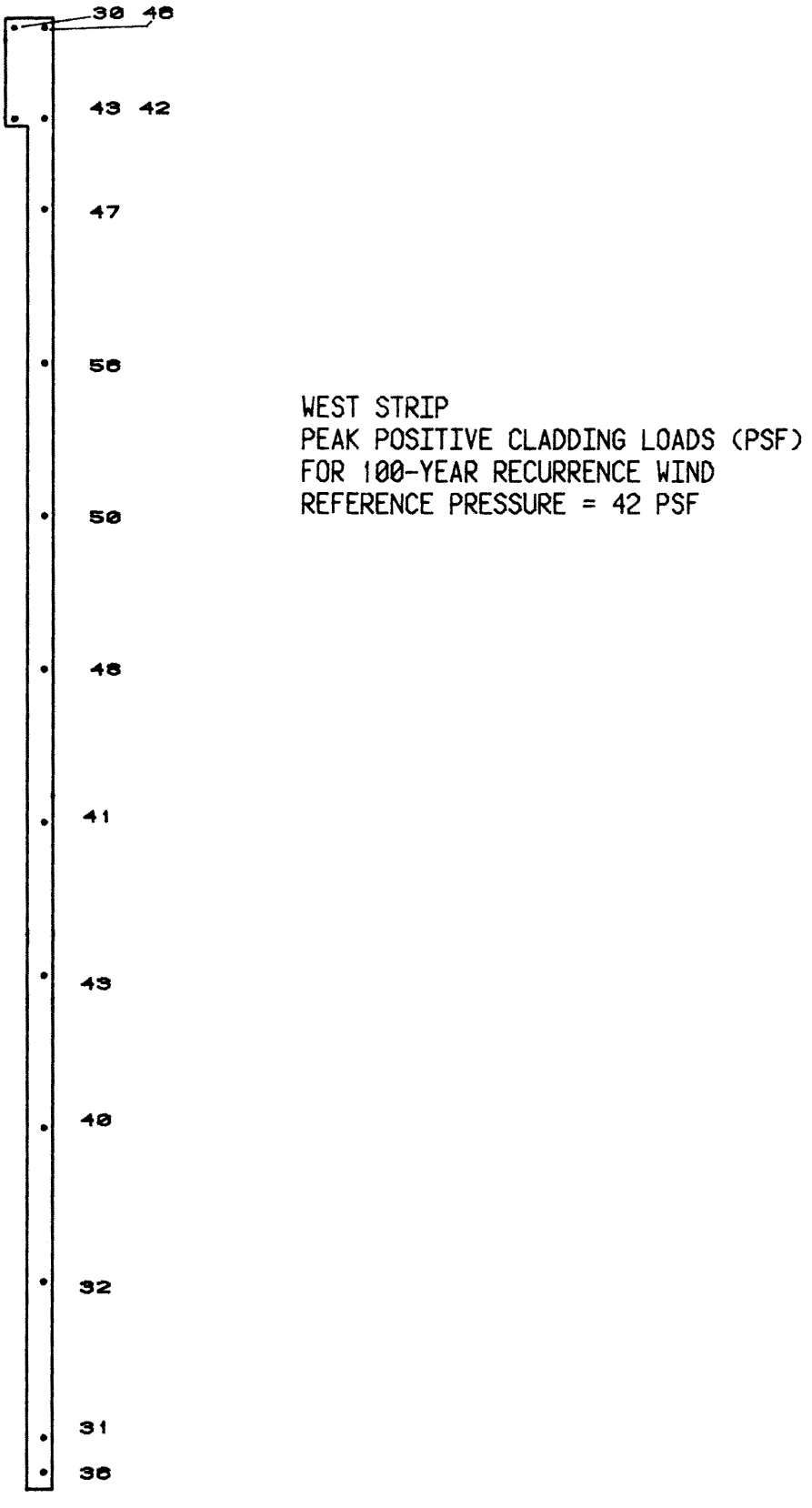


Figure 101. Peak Pressure Contours on the Building for Cladding Loads

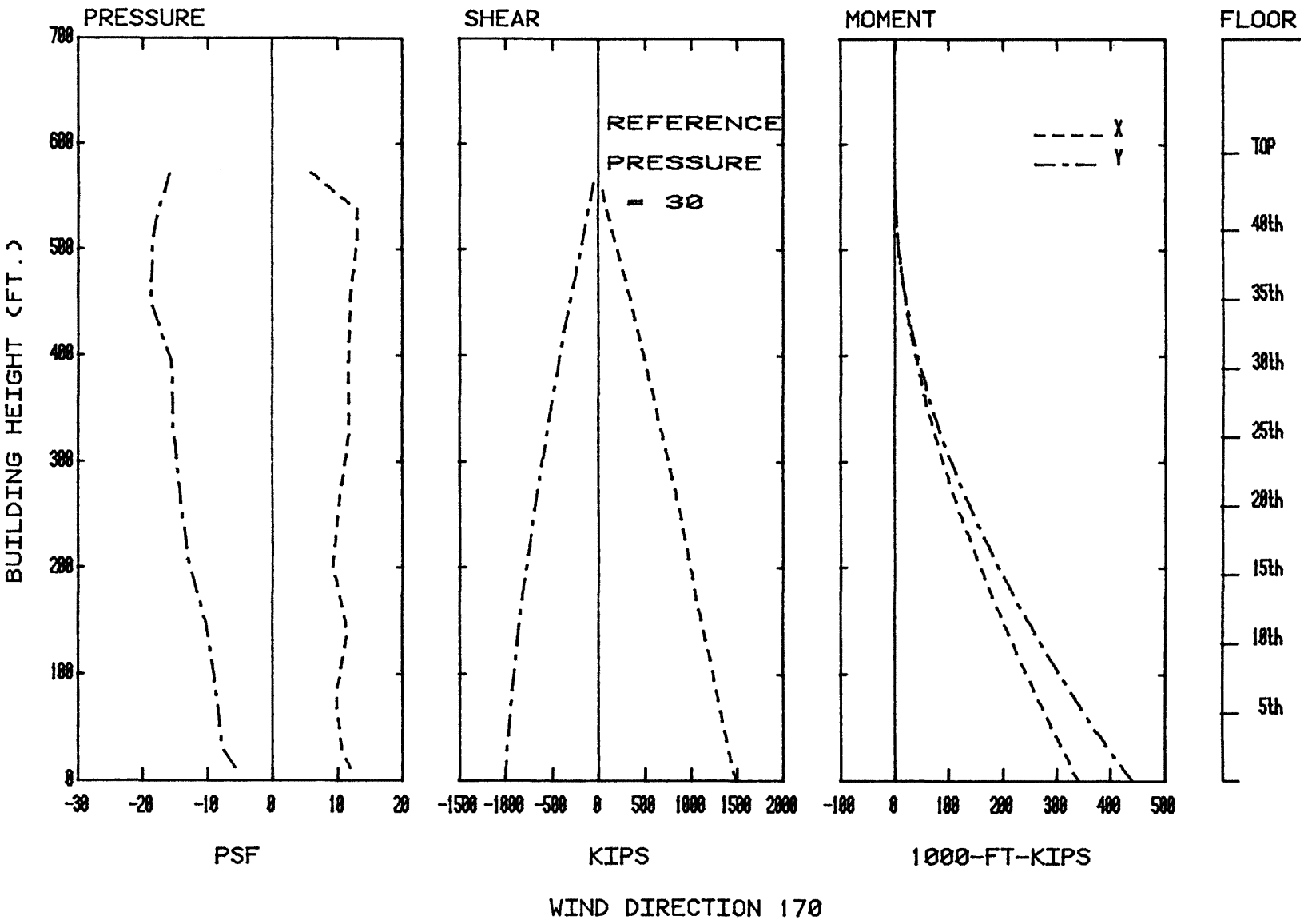


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

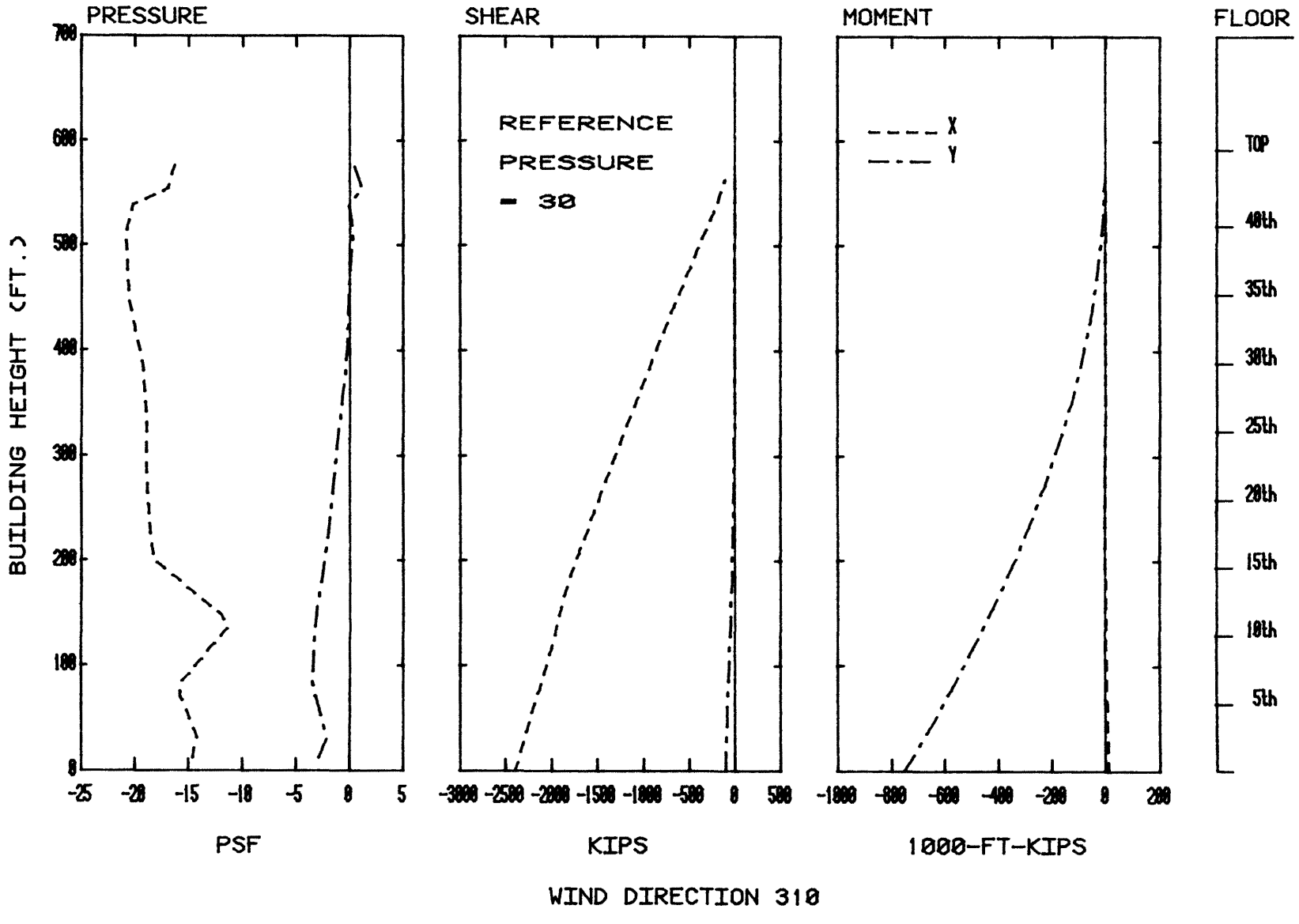


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

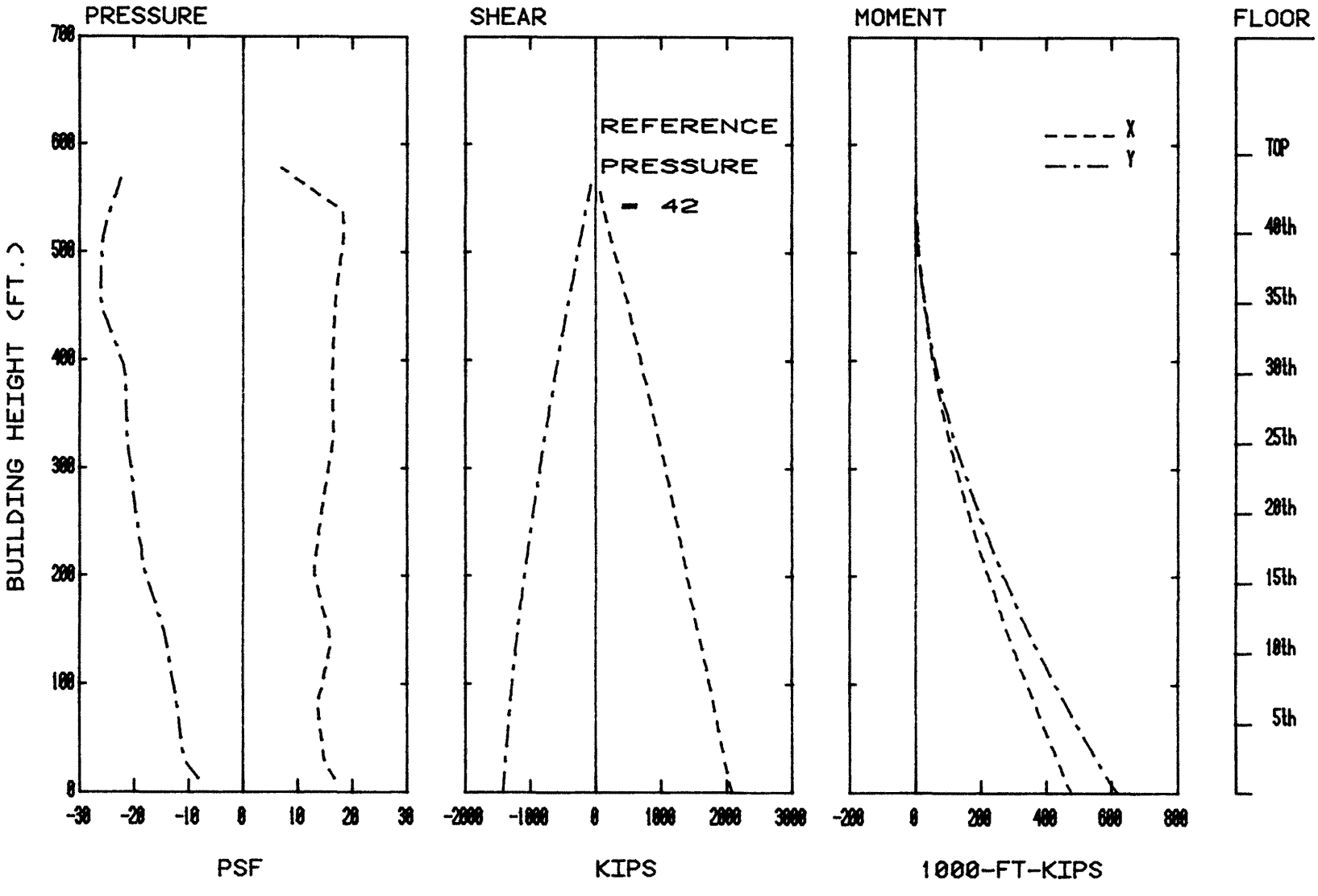


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

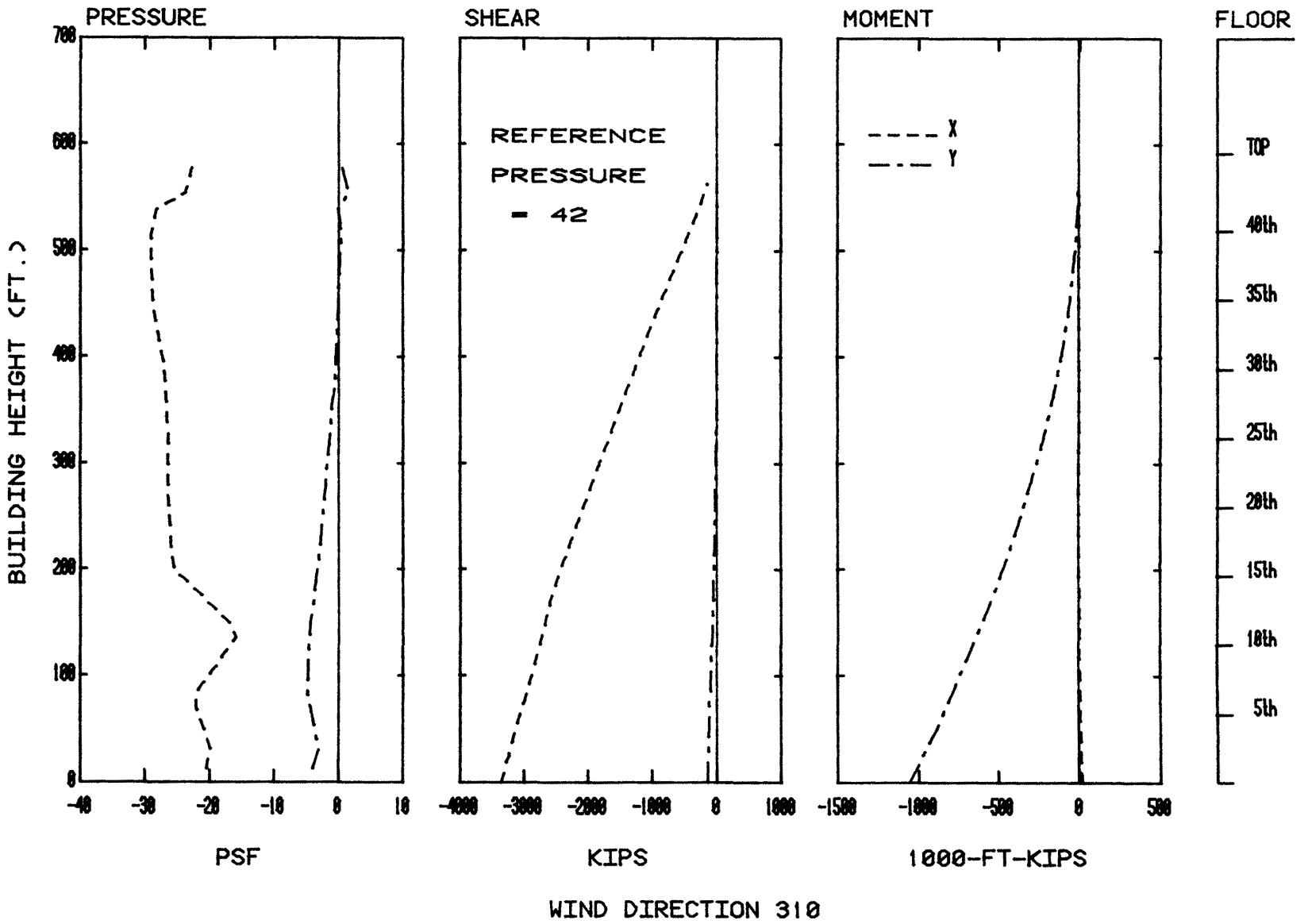


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

1. Introduction

2. Purposes for model testing

3. Procedures for conducting tests

4. Specific flow visualization scenes for American General No. 5

Run	Wind Dir.	Ped. Level	Ledge	Top	Vert.Shot of Corners	Largest Peak Pressure
1	0°	✓				
2	45°	✓		✓	✓	
3	90°	✓				
4	135°	✓				
5	180°	✓	✓	✓		
6	225°	✓			✓	
7	270°	✓	✓			
8	315°	✓	✓	✓		
9	340°					✓

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	27.2	6.6	47.0
22.50	23.9	5.6	40.7
45.00	28.1	6.7	48.2
67.50	26.9	6.4	46.0
90.00	26.9	7.8	50.4
112.50	21.4	6.1	39.7
135.00	31.2	9.5	59.8
157.50	33.9	8.0	57.8
180.00	30.0	7.8	53.5
202.50	23.3	7.0	44.4
225.00	24.5	8.2	49.0
247.50	18.4	5.5	34.8
270.00	19.4	6.3	38.4
292.50	26.2	7.0	47.2
315.00	28.9	7.9	52.6
337.50	26.9	6.5	46.2

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	37.0	7.7	60.0
22.50	42.0	11.4	76.3
45.00	30.2	11.0	63.3
67.50	23.2	7.6	46.0
90.00	27.3	8.2	51.9
112.50	18.3	5.3	34.1
135.00	25.1	7.9	49.5
157.50	25.2	7.9	48.9
180.00	24.8	6.9	45.6
202.50	24.7	6.5	44.2
225.00	29.8	10.5	61.2
247.50	29.7	10.3	60.7
270.00	29.6	11.6	64.4
292.50	27.3	9.7	56.2
315.00	32.2	8.2	56.7
337.50	33.5	7.2	55.1

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.9	8.1	58.1
22.50	29.8	6.6	49.7
45.00	27.3	8.2	51.9
67.50	36.0	15.7	83.1
90.00	43.8	12.8	82.2
112.50	29.9	10.1	60.2
135.00	26.6	10.0	56.5
157.50	21.9	6.8	42.3
180.00	21.8	6.7	42.0
202.50	22.0	7.0	43.0
225.00	21.2	6.2	39.9
247.50	28.1	8.4	53.4
270.00	40.4	16.1	88.6
292.50	51.4	15.6	98.0
315.00	46.6	11.5	81.0
337.50	43.7	10.3	74.5

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	24.1	7.0	45.0
22.50	26.7	6.7	46.9
45.00	29.4	6.2	48.1
67.50	22.0	6.1	40.3
90.00	19.4	4.8	33.8
112.50	29.0	10.8	61.4
135.00	40.2	15.1	85.5
157.50	42.2	14.1	84.7
180.00	33.6	13.1	72.8
202.50	31.6	11.0	64.5
225.00	23.5	6.4	42.8
247.50	18.3	4.9	33.0
270.00	21.5	7.5	44.1
292.50	30.6	11.1	64.0
315.00	25.4	8.2	50.0
337.50	27.0	8.8	53.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	51.6	10.5	83.1
22.50	32.7	8.6	58.5
45.00	22.8	4.4	36.1
67.50	25.1	7.9	48.8
90.00	39.6	8.2	64.3
112.50	48.2	10.6	80.0
135.00	41.8	10.5	73.2
157.50	33.6	11.5	68.0
180.00	24.8	8.7	50.8
202.50	19.7	5.7	36.8
225.00	18.4	4.9	33.1
247.50	22.8	6.9	43.4
270.00	21.9	8.0	46.0
292.50	22.3	9.5	50.6
315.00	40.5	16.2	89.0
337.50	55.3	12.7	93.4

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	49.1	13.3	89.0
22.50	21.0	7.2	42.5
45.00	29.7	9.6	58.6
67.50	26.5	8.3	51.3
90.00	55.0	11.9	90.7
112.50	56.5	10.5	88.1
135.00	50.6	11.1	84.0
157.50	39.6	11.1	73.1
180.00	26.0	9.7	55.2
202.50	21.4	6.4	40.6
225.00	18.7	4.9	33.5
247.50	18.8	5.6	35.7
270.00	32.8	13.0	71.8
292.50	55.8	12.3	92.6
315.00	64.9	9.8	94.3
337.50	64.4	10.1	94.7

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.2	9.3	61.1
22.50	35.3	7.8	58.8
45.00	36.1	8.9	62.7
67.50	25.5	8.2	50.0
90.00	36.0	11.5	70.5
112.50	28.6	12.0	64.7
135.00	25.0	10.6	56.9
157.50	36.3	16.5	85.9
180.00	48.9	17.3	100.7
202.50	46.4	11.7	81.6
225.00	36.2	9.4	64.4
247.50	32.4	8.5	58.0
270.00	34.6	10.7	66.5
292.50	36.0	13.9	77.8
315.00	31.3	13.4	71.5
337.50	32.6	11.4	66.9

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.6	7.8	57.0
22.50	32.1	6.3	51.0
45.00	23.2	7.0	44.2
67.50	15.0	3.1	24.3
90.00	24.2	12.4	61.4
112.50	20.3	8.0	44.2
135.00	15.6	4.4	28.9
157.50	19.3	7.1	40.5
180.00	18.0	6.2	36.5
202.50	20.0	7.4	42.3
225.00	23.3	8.6	49.2
247.50	33.7	8.9	60.5
270.00	32.3	9.6	61.1
292.50	23.8	7.7	46.8
315.00	20.8	5.1	36.2
337.50	28.9	7.4	51.0

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	51.8	9.1	79.0
22.50	38.3	12.4	75.5
45.00	23.9	8.5	49.3
67.50	18.3	4.8	32.7
90.00	19.5	5.7	36.6
112.50	18.7	5.8	36.0
135.00	20.2	7.8	43.7
157.50	32.6	15.3	78.5
180.00	39.4	14.0	81.4
202.50	44.7	11.5	79.2
225.00	44.5	11.5	79.1
247.50	27.6	8.9	54.2
270.00	24.5	8.6	50.3
292.50	41.6	12.1	77.7
315.00	58.2	13.9	99.8
337.50	59.5	12.4	96.8

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	24.6	10.7	56.7
22.50	18.8	6.2	37.5
45.00	20.6	7.1	41.9
67.50	28.1	11.0	61.1
90.00	30.5	11.4	64.6
112.50	51.7	14.9	96.5
135.00	62.4	13.1	101.8
157.50	61.9	12.3	98.7
180.00	62.1	13.4	102.4
202.50	49.7	11.5	84.1
225.00	24.8	8.9	51.5
247.50	31.6	10.5	63.0
270.00	57.2	11.2	90.8
292.50	59.6	10.6	91.4
315.00	52.8	11.2	86.5
337.50	34.2	14.7	78.4

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.3	5.4	35.4
22.50	22.3	6.7	42.3
45.00	23.4	7.0	44.4
67.50	34.9	10.5	66.3
90.00	36.5	9.2	64.1
112.50	49.8	10.8	82.3
135.00	56.0	10.3	86.8
157.50	47.2	9.5	75.7
180.00	38.0	9.8	67.3
202.50	23.6	5.7	40.8
225.00	24.1	6.7	44.2
247.50	41.4	9.7	70.5
270.00	44.6	13.1	83.3
292.50	35.8	13.3	75.7
315.00	20.5	8.1	44.9
337.50	17.8	4.8	32.4

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.9	6.5	39.4
22.50	19.3	7.3	41.1
45.00	19.1	6.3	38.1
67.50	35.7	13.1	75.1
90.00	36.7	9.8	66.1
112.50	43.9	11.7	78.9
135.00	37.1	8.6	62.9
157.50	27.2	7.9	51.0
180.00	21.8	5.5	38.2
202.50	24.3	7.5	46.6
225.00	35.1	8.0	59.1
247.50	47.1	9.1	74.5
270.00	38.3	13.3	78.2
292.50	25.2	12.1	61.4
315.00	19.7	6.8	40.0
337.50	19.1	6.2	37.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.0	4.0	27.9
22.50	15.1	2.6	22.8
45.00	16.5	3.9	28.3
67.50	29.6	12.7	67.7
90.00	23.1	6.5	42.6
112.50	19.9	4.9	34.5
135.00	22.6	6.1	40.8
157.50	31.2	8.8	57.5
180.00	34.1	7.6	56.8
202.50	32.8	8.3	57.7
225.00	24.8	7.6	47.5
247.50	19.3	7.5	41.8
270.00	16.0	4.4	29.3
292.50	24.3	9.4	52.6
315.00	20.6	7.0	41.5
337.50	20.0	6.1	38.2

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	39.9	8.4	65.2
22.50	32.4	9.7	61.5
45.00	31.1	11.6	65.8
67.50	17.9	5.2	33.6
90.00	15.6	3.7	26.6
112.50	14.5	3.1	23.7
135.00	15.1	3.2	24.8
157.50	15.5	3.7	26.7
180.00	15.6	3.6	26.4
202.50	22.2	8.0	46.3
225.00	32.9	10.5	64.5
247.50	46.4	9.3	74.2
270.00	44.2	10.0	74.3
292.50	31.4	9.8	60.7
315.00	21.2	5.9	38.8
337.50	34.7	8.7	60.6

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	56.0	11.1	89.4
22.50	49.4	9.6	78.2
45.00	37.7	11.8	73.2
67.50	17.7	4.4	31.0
90.00	15.4	3.1	24.8
112.50	15.2	2.9	23.9
135.00	15.8	3.5	26.4
157.50	15.5	3.3	25.5
180.00	15.9	3.5	26.3
202.50	24.3	9.6	53.1
225.00	26.8	11.1	60.2
247.50	42.6	11.3	76.5
270.00	36.2	8.9	63.0
292.50	22.6	6.9	43.4
315.00	30.2	9.3	58.2
337.50	48.2	10.3	79.2

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	66.3	12.0	102.3
22.50	53.3	10.8	85.7
45.00	49.1	14.7	93.1
67.50	17.9	4.7	32.0
90.00	16.5	3.8	27.8
112.50	14.9	2.5	22.4
135.00	15.1	2.9	23.9
157.50	15.0	2.8	23.4
180.00	22.6	7.0	43.7
202.50	50.6	11.3	84.4
225.00	70.4	10.8	102.8
247.50	51.3	16.9	102.0
270.00	24.5	6.0	42.4
292.50	38.6	12.2	75.1
315.00	66.4	13.9	108.0
337.50	68.0	12.0	104.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	29.7	13.2	69.3
22.50	26.0	10.1	56.3
45.00	26.6	12.2	63.1
67.50	17.3	3.7	28.4
90.00	15.7	3.3	25.6
112.50	17.1	3.8	28.4
135.00	17.0	3.2	26.7
157.50	17.8	3.2	27.5
180.00	20.7	6.2	39.2
202.50	47.7	13.6	88.5
225.00	52.5	11.2	86.1
247.50	42.8	12.4	80.1
270.00	40.9	10.1	71.1
292.50	50.6	10.1	80.8
315.00	46.8	15.2	92.4
337.50	23.1	7.7	46.1

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.1	5.0	33.2
22.50	16.3	3.7	27.4
45.00	17.1	4.1	29.3
67.50	19.7	5.1	34.9
90.00	31.5	12.0	67.6
112.50	49.0	11.8	84.5
135.00	57.3	13.3	97.3
157.50	61.5	13.3	101.5
180.00	63.1	12.8	101.6
202.50	45.3	14.7	89.6
225.00	28.2	6.5	47.8
247.50	40.4	12.9	79.2
270.00	65.5	13.0	104.6
292.50	60.8	14.8	105.3
315.00	45.7	16.5	95.2
337.50	21.8	5.9	39.4

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.8	2.6	23.6
22.50	16.3	2.8	24.8
45.00	17.1	4.0	29.2
67.50	22.5	6.1	40.9
90.00	23.7	6.2	42.3
112.50	28.8	9.1	56.1
135.00	33.4	7.7	56.4
157.50	31.3	8.4	56.5
180.00	20.5	5.0	35.6
202.50	40.1	11.6	74.9
225.00	55.0	9.7	84.2
247.50	36.4	11.8	71.8
270.00	20.2	5.3	36.1
292.50	15.5	3.0	24.4
315.00	15.1	2.5	22.6
337.50	16.3	3.2	26.0

LOCATION 20

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	25.4	9.3	53.2
22.50	40.0	13.4	80.1
45.00	40.5	17.2	92.1
67.50	29.7	10.4	61.0
90.00	30.6	13.1	69.9
112.50	25.2	23.2	94.7
135.00	24.9	9.3	52.8
157.50	25.4	8.9	52.0
180.00	27.0	9.5	55.5
202.50	29.5	10.6	61.4
225.00	56.9	42.6	184.5
247.50	36.3	40.3	157.2
270.00	24.5	32.4	121.6
292.50	21.3	29.7	110.3
315.00	23.6	6.4	42.8
337.50	26.9	8.5	52.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

LOCATION 21

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	92.2	12.1	128.5
22.50	75.9	9.2	103.6
45.00	77.7	11.1	111.1
67.50	68.1	23.1	137.3
90.00	75.7	20.4	136.9
112.50	81.4	20.3	142.2
135.00	86.7	18.2	141.2
157.50	71.1	29.3	159.1
180.00	70.4	26.0	148.6
202.50	80.0	18.4	135.1
225.00	71.7	9.2	99.4
247.50	74.5	10.3	105.5
270.00	79.6	15.2	125.2
292.50	75.7	23.3	145.5
315.00	76.7	24.0	148.6
337.50	91.3	21.6	156.0

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

HOUSTON, TEXAS INTERNATIONAL AIRPORT (1951-1960)

SEASON : ANNUAL NO. OF OBS.= 87672 HT. OF MEAS.= 87. FT.

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32-38	39-46	47 +	TOTAL
N	.26	.83	1.87	1.75	.61	.13	.01	.02	0.00	5.46
NNE	.23	.93	1.48	1.44	.54	.13	.05	0.00	0.00	4.80
NE	.29	1.05	2.08	1.44	.36	.11	.04	.01	.01	5.38
ENE	.36	1.24	2.80	2.16	.43	.11	.01	0.00	0.00	7.12
E	.32	1.18	2.30	1.23	.32	.11	.01	0.00	0.00	5.47
ESE	.41	1.87	3.09	2.27	.55	.15	.01	0.00	0.00	8.36
SE	.36	1.40	3.93	3.24	1.10	.21	.07	.06	0.00	10.36
SSE	.37	1.75	4.55	4.70	2.06	.34	.08	.06	0.00	13.92
S	.33	1.53	3.30	2.93	.90	.18	.04	0.00	0.00	9.21
SSW	.31	1.12	2.23	1.65	.52	.14	.03	0.00	0.00	5.99
SW	.28	.94	1.35	.74	.23	.10	.01	0.00	0.00	3.66
WSW	.27	.90	1.23	.66	.23	.07	.03	.01	0.00	3.40
W	.20	.67	.87	.39	.18	.08	.02	.01	0.00	2.40
WNW	.24	.78	1.17	.81	.39	.11	.03	.01	.01	3.56
NW	.20	.76	1.30	.96	.47	.12	.04	.03	.01	3.89
NNW	.22	.79	1.70	1.89	.78	.20	.04	.05	.04	5.70
CALM	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33
TOT	5.97	17.73	35.25	28.26	9.67	2.29	.50	.26	.07	100.00

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

	Beaufort number	Speed (mph)	Effects
Calm, light air	0, 1	0- 3	Calm, no noticeable wind
Light breeze	2	4- 7	Wind felt on face
Gentle breeze	3	8-12	Wind extends light flag Hair is disturbed Clothing flaps
Moderate breeze	4	13-18	Raises dust, dry soil and loose paper Hair disarranged
Fresh breeze	5	19-24	Force of wind felt on body Drifting snow becomes airborne Limit of agreeable wind on land
Strong breeze	6	25-31	Umbrellas used with difficulty Hair blown straight Difficult to walk steadily Wind noise on ears unpleasant Windborne snow above head height (blizzard)
Near gale	7	32-38	Inconvenience felt when walking
Gale	8	39-46	Generally impedes progress Great difficulty with balance in gusts
Strong gale	9	47-54	People blown over by gusts

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from ANSI A58.1 (Ref. 6):

   100-yr fastest mile at 30 ft = 90 mph

   Mean hourly wind speed = $\frac{90}{1.28}$ = 70.3 mph

   Mean hourly gradient wind speed = $70.3 \left(\frac{1000}{30}\right)^{.17}$ = 127.6 mph

   Mean hourly wind at reference location = U_∞ = gradient wind = 127.6 mph

   Reference Pressure = $0.5 \rho U_\infty^2 = (.00256)\ (127.6)^2 =$ 41.7

   Use 42 psf

2. Loads for 50-yr recurrence wind:

   50-yr fastest mile at 30 ft = 76 mph

   Multiply 50-yr loads by $\left(\frac{76}{90}\right)^2$ = 0.71

3. Gust load factors to convert hourly mean integrated loads to various gust durations (see Sect. 4.4):

Gust Duration, sec	Gust Load Factor
10 - 15	$(1.4)^2$ = 1.96
30	$(1.32)^2$ = 1.74
45	$(1.26)^2$ = 1.59

   The 30 second gust load factor was used in Table 7.

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 30.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ---- PSF ----
1	50	-1.19	-35.7	14.6
2	320	-1.25	-37.4	10.8
3	260	-1.18	-35.4	14.7
4	50	-1.31	-39.4	16.0
5	330	-1.15	-34.5	12.2
6	110	-1.15	-34.5	9.7
7	240	-1.55	-46.4	13.7
8	330	-1.65	-49.4	15.2
9	80	-1.13	-33.9	25.1
10	60	-1.17	-35.0	16.7
11	350	-1.19	-35.8	21.4
12	340	-1.07	-32.1	9.6
13	60	1.09	-28.3	32.6
14	60	-1.24	-37.1	16.7
15	60	-1.20	-35.9	29.7
16	220	-1.20	-36.0	31.6
17	270	1.05	-29.1	31.6
18	90	-.95	-28.5	27.7
19	180	-1.60	-48.1	23.7
20	350	-1.34	-40.1	17.0
101	60	-1.38	-41.4	30.0
102	60	-1.48	-44.3	23.0
103	60	-1.48	-44.3	23.0
104	50	-1.14	-34.2	25.5
105	80	-1.48	-44.5	27.8
106	230	-1.24	-37.3	25.7
107	50	-1.31	-39.3	33.1
108	60	-1.02	-30.5	29.9
109	70	1.00	-27.9	30.0
110	220	-.90	-26.9	26.2
111	220	-1.44	-43.2	35.1
112	40	-1.30	-39.0	31.7
113	50	-1.33	-39.8	32.6
114	40	-1.66	-49.7	30.8
115	50	-1.48	-44.4	32.9
116	60	1.12	-27.7	33.5
117	220	1.04	-28.7	31.3
118	230	-1.48	-44.5	32.7
119	50	-1.55	-46.6	32.0
120	50	-1.34	-40.2	31.0
121	50	-1.47	-44.0	32.0
122	60	1.07	-29.1	32.0
123	220	1.11	-31.4	33.2
124	220	1.11	-32.4	33.4
125	220	-1.50	-44.9	35.4
126	50	-1.71	-51.4	30.4
127	50	-1.78	-53.5	32.1
128	40	-1.46	-43.9	31.7
129	60	1.11	-29.8	33.3
130	60	1.00	-29.8	28.9
131	220	-1.29	-38.8	33.6
132	230	-1.40	-42.1	30.5
133	50	-1.48	-44.4	29.9
134	50	-1.58	-47.5	26.9
135	50	-1.78	-53.4	32.5
136	210	1.15	-27.7	34.4
137	220	1.17	-32.5	35.1
138	220	-1.24	-37.3	30.5
139	230	-1.75	-52.5	32.6
140	50	-1.76	-52.8	30.6
141	60	-1.34	-40.1	29.7
142	40	-1.33	-39.8	26.6
143	60	-1.09	-32.7	29.7
144	220	-1.07	-32.2	27.4
145	220	-1.33	-39.8	33.0
146	170	-1.59	-47.7	28.9
147	50	-1.61	-48.3	28.5
148	50	-1.36	-40.7	27.4
149	50	-1.32	-39.5	28.0
150	60	-1.13	-33.8	25.2
151	60	-1.09	-32.6	26.9
152	220	-1.11	-33.4	28.5
153	220	-1.37	-41.2	32.2
154	60	-1.45	-43.4	23.0
155	50	-1.36	-40.7	27.0
156	180	-1.23	-36.8	27.0
157	90	-1.22	-36.5	23.9
158	90	-1.08	-32.3	24.2
159	220	-1.27	-38.2	27.2
160	230	-1.18	-35.5	25.4
161	50	-1.18	-35.5	23.4
162	50	-1.21	-36.2	21.4
163	100	-1.58	-47.3	23.9
164	100	-1.26	-37.8	24.5
165	90	-1.27	-38.0	23.3
166	220	-.92	-27.5	21.0
167	220	-1.21	-36.4	23.8
168	60	-1.01	-30.2	24.4
169	60	-1.01	-30.3	21.1
170	190	-1.04	-31.3	18.4
171	90	-1.54	-46.2	22.4
172	90	-1.34	-40.3	21.2
173	220	-.94	-28.3	22.1
174	230	-.93	-27.9	22.7
175	170	-1.08	-32.5	18.4
176	170	-1.36	-40.8	21.2
177	180	-1.55	-46.4	20.9
178	160	-.90	-26.9	19.8
179	160	-1.18	-35.4	22.7
180	170	-1.17	-35.2	21.8
181	200	-1.02	-30.6	21.0
182	50	-1.12	-33.5	21.7
183	110	-.98	-29.5	24.6
184	190	-1.38	-41.5	25.1
185	200	-1.00	-30.0	26.0
186	220	-1.05	-31.4	26.0
187	190	-.94	-28.2	24.1
188	200	-1.14	-34.3	22.4
201	340	-1.74	-52.2	25.4
202	340	-1.24	-37.1	22.0
203	190	-1.08	-32.3	27.6
204	190	-1.13	-33.8	27.0
205	260	-1.31	-39.2	27.1
206	260	-1.06	-31.9	24.3
207	80	-1.06	-31.7	22.3
208	90	-1.35	-40.6	23.3
209	80	-1.10	-33.0	25.5
210	100	-.95	-28.5	21.5
211	100	-1.12	-33.6	33.1
212	350	-1.57	-47.2	32.4
213	170	-1.03	-30.8	27.3
214	170	-1.27	-38.2	25.0
215	280	-1.54	-46.1	30.4
216	270	-1.59	-47.8	34.7
217	260	-1.27	-38.1	30.5
218	270	.98	-25.1	29.3
219	90	1.05	-30.4	31.4
220	80	-1.00	-30.0	26.2
221	100	1.02	-29.9	30.2
222	340	1.00	-29.1	30.1
223	330	-1.66	-49.7	30.1
224	340	-1.18	-35.4	28.3
225	180	-1.57	-47.2	29.9
226	170	-1.05	-31.6	30.7
227	270	-1.28	-38.3	30.7
228	270	-1.32	-39.5	30.5
229	260	-1.31	-39.3	30.5
230	80	-1.19	-35.6	30.3
231	90	-1.39	-41.7	30.6
232	330	-1.48	-44.4	32.9
233	340	-1.23	-37.0	35.3
234	180	-1.18	-35.3	32.2
235	180	-1.44	-43.2	31.1
236	280	-1.40	-41.9	32.7

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 30.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
237	260	-1.15	-34.4	30.5
238	270	.98	-25.9	29.3
239	80	1.01	-24.7	30.2
240	90	-1.67	-50.2	30.8
241	90	-1.17	-35.0	33.7
242	330	-1.40	-41.9	29.3
243	330	-1.31	-39.3	31.4
244	180	-1.08	-32.3	29.5
245	180	-1.44	-43.3	29.8
246	260	-1.36	-40.7	36.1
247	260	-1.23	-37.0	30.6
248	280	-1.04	-31.2	28.8
249	270	-1.10	-33.0	32.1
250	100	-1.44	-43.2	33.9
251	80	1.32	-38.4	39.7
252	340	-1.63	-49.0	29.9
253	340	-1.34	-40.2	33.7
254	180	-1.30	-39.1	28.7
255	180	-1.32	-39.5	28.6
256	270	-1.59	-47.8	31.7
257	270	-1.52	-45.7	30.5
258	260	-1.29	-38.6	29.2
259	280	-1.17	-35.0	32.1
260	80	-1.39	-41.8	27.8
261	90	-1.25	-37.5	35.8
262	330	-1.63	-48.9	29.3
263	330	-1.49	-44.8	31.0
264	180	-1.20	-36.1	33.3
265	170	-1.55	-46.4	30.4
266	270	-1.50	-44.9	28.1
267	260	-1.47	-44.1	31.1
268	260	1.00	-26.8	29.9
269	270	1.09	-24.3	32.6
270	90	-1.51	-45.2	32.4
271	80	-1.22	-36.7	34.4
272	320	-1.39	-41.7	29.6
273	180	-1.42	-42.5	28.2
274	180	-1.40	-42.0	29.6
275	180	-1.43	-42.8	26.3
276	270	-1.56	-46.8	24.5
277	270	-1.59	-47.8	26.6
278	270	-1.38	-41.5	28.6
279	270	-1.29	-38.6	27.4
280	90	-1.37	-41.2	28.2
281	240	-1.26	-37.7	29.3
282	340	-1.50	-44.9	24.7
283	100	-1.33	-39.8	28.5
284	180	-1.35	-40.6	25.5
285	180	-1.65	-49.6	27.1
286	270	-1.34	-40.1	26.3
287	300	-1.42	-42.5	27.1
288	300	-1.51	-45.2	24.8
289	300	-1.46	-43.8	26.6
290	70	-1.18	-35.5	26.5
291	230	-1.18	-35.4	30.4
292	340	-1.40	-42.0	25.0
293	110	-1.14	-34.3	24.1
294	180	-1.25	-37.4	24.8
295	180	-1.54	-46.1	23.1
296	270	-1.24	-37.1	24.1
297	300	-1.42	-42.5	24.0
298	310	-1.32	-39.7	24.0
299	290	-1.06	-31.8	26.5
300	300	-1.38	-41.5	26.3
301	240	-1.03	-30.9	28.5
302	330	-1.26	-37.9	21.8
303	170	-1.68	-50.3	21.3
304	170	-1.48	-44.5	20.5
305	170	-1.46	-43.7	24.1
306	170	-1.28	-38.5	22.3
307	290	-1.09	-32.6	26.6
308	270	-1.10	-33.1	26.2
309	310	-1.07	-32.2	25.2
310	310	-1.48	-44.3	23.9
311	290	-1.09	-32.6	22.6
312	340	-1.11	-33.2	18.8
313	120	-1.57	-47.0	19.9
314	120	-1.09	-32.7	17.7
315	280	-1.13	-33.9	16.2
316	300	-1.02	-30.7	14.8
317	310	-1.17	-35.1	21.2
318	310	-1.53	-45.9	21.8
319	300	-1.14	-34.1	22.3
320	300	-1.15	-34.4	19.9
321	290	-1.09	-32.6	22.0
322	340	-1.38	-41.3	19.5
323	40	-1.24	-37.2	20.1
324	170	-.92	-27.7	18.3
325	280	-1.00	-29.9	19.0
326	290	-.90	-27.0	19.8
327	290	-1.03	-30.8	23.4
328	330	-1.32	-39.7	23.3
329	290	-1.12	-33.5	25.7
401	90	-1.24	-37.2	32.5
402	100	-1.15	-34.5	30.4
403	210	-1.27	-38.2	24.7
404	50	-1.24	-37.3	23.4
405	50	-1.80	-53.9	29.7
406	100	1.15	-29.6	34.4
407	220	-1.37	-41.0	30.9
408	200	-1.52	-45.5	32.5
409	40	1.18	-35.0	35.5
410	50	-1.12	-33.6	33.5
411	70	-1.27	-38.2	34.7
412	240	-1.25	-37.4	36.2
413	210	-1.63	-49.0	35.2
414	50	-1.16	-34.9	32.4
415	50	-1.10	-32.9	30.6
416	50	-1.29	-38.8	34.4
417	230	-1.06	-31.7	29.3
418	40	-1.23	-36.9	32.0
419	350	-.96	-28.8	26.9
420	60	-1.25	-37.6	28.4
421	50	-1.24	-37.1	31.9
422	80	-1.14	-34.2	31.9
423	210	-1.01	-30.2	28.5
424	50	-1.09	-32.7	28.3
425	60	-1.15	-34.6	30.3
426	60	-1.19	-35.8	27.7
427	220	-1.05	-31.6	26.9
428	220	-1.33	-40.0	29.1
429	50	-1.03	-31.0	30.5
430	50	-1.17	-35.0	30.3
431	340	-1.05	-31.6	23.8
432	240	-1.07	-32.1	24.8
433	230	-1.12	-33.5	28.3
434	50	-1.11	-33.3	27.2
435	50	-.95	-28.4	24.9
436	60	-1.35	-40.4	25.3
437	220	-1.19	-35.8	25.3
438	340	-1.46	-43.7	24.5
439	340	-1.52	-45.6	21.6
440	330	-1.23	-37.0	25.6
441	70	-1.20	-35.9	25.1
442	300	-1.17	-35.2	24.5
443	320	-1.08	-32.4	22.8
444	340	-1.05	-31.6	24.0
445	250	-1.01	-30.2	22.0
446	270	-1.13	-34.0	22.9
447	280	-.96	-28.7	19.9
448	280	-1.26	-37.8	19.3
449	280	-1.01	-30.2	21.7
450	280	-1.29	-38.7	22.1
451	340	-1.14	-34.1	18.1

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 30.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK
452	350	-1.04	-31.2	19.0
453	340	-1.54	-46.3	20.8
454	330	-.79	-23.7	21.7
455	330	-1.09	-32.6	20.8
456	280	-1.31	-39.2	21.7
457	310	-1.04	-31.3	22.0
458	290	-.94	-28.1	24.5
459	340	-.88	-26.5	21.8
460	280	-1.12	-33.6	23.9
461	290	-1.04	-31.3	23.4
462	280	-1.28	-38.3	21.4
463	350	-.86	-25.8	18.4
501	170	-1.95	-58.5	24.8
502	170	-1.32	-39.5	23.3
503	350	-1.09	-32.6	23.4
504	350	-1.27	-38.1	21.0
505	350	-1.16	-34.8	26.6
506	80	-.96	-28.9	27.7
507	270	-1.26	-37.8	26.4
508	290	-1.37	-41.1	21.3
509	170	-1.62	-48.6	34.4
510	170	-1.32	-39.7	31.6
511	350	-1.18	-35.5	33.9
512	350	-1.26	-37.7	28.5
513	350	-1.32	-39.7	32.5
514	60	-1.16	-34.9	33.9
515	80	1.26	-34.7	37.8
516	290	-1.43	-43.0	25.9
517	170	-1.33	-40.0	30.9
518	170	-1.21	-36.3	32.9
519	350	-1.31	-39.2	31.6
520	350	-1.36	-40.7	30.1
521	350	-1.66	-49.7	29.6
522	350	-1.28	-38.4	32.4
523	80	-1.33	-39.8	30.2
524	290	-1.35	-40.4	33.2
525	170	-1.44	-43.1	27.3
526	170	-1.27	-38.2	30.7
527	350	-1.55	-46.6	32.1
528	0	-1.66	-49.8	30.7
529	350	-1.52	-45.5	32.0
530	80	-1.27	-38.2	36.4
531	70	1.25	-34.5	37.4
532	290	-1.35	-40.6	34.8
533	170	-1.53	-45.8	29.5
534	170	-1.49	-44.6	28.8
535	350	-1.25	-37.6	27.8
536	0	-1.26	-37.7	29.5
537	350	-1.49	-44.8	33.4
538	80	-1.36	-40.9	29.0
539	80	-1.15	-34.4	29.0
540	290	-1.44	-43.2	31.4
541	340	-1.26	-37.8	26.0
542	170	-1.21	-36.3	25.8
543	340	-1.53	-45.8	26.4
544	340	-1.63	-48.9	26.0
545	0	-1.67	-50.2	29.8
546	70	-1.42	-42.7	27.8
547	70	-1.25	-37.4	27.2
548	290	-1.55	-46.5	30.1
549	170	-1.45	-43.4	24.2
550	170	-1.22	-36.7	23.9
551	340	-1.58	-47.5	25.6
552	340	-1.93	-57.8	27.1
553	340	-2.11	-63.4	27.9
554	180	-1.54	-46.2	29.5
555	80	-1.20	-36.1	24.3
556	280	-1.57	-47.0	29.8
557	170	-1.51	-45.3	19.8
558	170	-1.35	-40.5	20.9
559	350	-1.50	-45.0	25.4
560	350	-1.68	-50.4	26.3
561	350	-1.87	-56.0	25.8
562	340	-1.74	-52.2	29.2
563	110	-.98	-29.3	20.2
564	280	-1.43	-43.0	25.7
565	160	-1.73	-51.8	23.1
566	160	-1.25	-37.5	17.0
567	270	-1.17	-35.1	14.4
568	340	-1.31	-39.2	18.8
569	340	-1.39	-41.7	22.4
570	340	-1.24	-37.3	23.4
571	90	-.97	-29.0	26.5
572	290	-1.50	-45.1	22.9
573	180	-1.53	-46.0	17.4
574	170	-1.13	-34.0	19.5
575	310	-1.38	-41.3	15.0
576	310	-1.30	-39.1	18.9
577	350	-1.24	-37.3	22.7
578	310	-1.05	-31.6	22.8
579	170	-1.34	-40.3	19.9
580	270	-1.26	-37.8	21.4
581	290	-1.06	-31.7	22.7
582	320	-1.04	-31.2	19.5
583	170	-1.02	-30.5	24.9
584	300	-1.30	-38.9	15.2
585	170	-1.01	-30.3	19.2
586	160	-1.01	-30.3	22.5
587	290	-1.18	-35.5	18.6
588	290	-.81	-24.2	16.2
589	170	-1.41	-42.4	19.7
590	290	-.98	-29.5	22.2
591	340	-.96	-28.9	20.0
592	280	-1.16	-34.8	19.3
593	290	-1.10	-33.1	16.6
594	180	-1.34	-40.1	18.7
595	180	-1.22	-36.7	20.6

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 30.0 PSF

* * 15 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
553	340	-2.11	-63.4	27.9
501	170	-1.95	-58.5	24.8
552	340	-1.93	-57.8	27.1
561	350	-1.87	-56.0	25.8
405	50	-1.80	-53.9	29.7
127	50	-1.78	-53.5	32.1
135	50	-1.78	-53.4	32.5
140	50	-1.76	-52.8	30.6
139	230	-1.75	-52.5	32.6
201	340	-1.74	-52.2	25.4
562	340	-1.74	-52.2	29.2
565	160	-1.73	-51.8	23.1
126	50	-1.71	-51.4	30.4
560	350	-1.68	-50.4	26.3
303	170	-1.68	-50.3	21.3

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 30.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
501	164	-1.79	-53.6	8.8	553	354	-1.80	-54.1	10.9	561	336	-1.94	-58.3	8.2
552	354	-1.58	-47.3	7.7										

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 30.0 PSF

* * 4 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
561	336	-1.94	-58.3	8.2
553	354	-1.80	-54.1	10.9
501	164	-1.79	-53.6	8.8
552	354	-1.58	-47.3	7.7

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ----
1	50	-1.19	-50.0	20.4
2	320	-1.25	-52.4	15.1
3	260	-1.18	-49.6	20.5
4	50	-1.31	-55.2	22.4
5	330	-1.15	-48.3	17.0
6	110	-1.15	-48.3	13.6
7	240	-1.55	-65.0	19.2
8	330	-1.65	-69.2	21.3
9	80	-1.13	-47.5	35.1
10	60	-1.17	-49.1	23.4
11	350	-1.19	-50.1	30.0
12	340	-1.07	-45.0	12.5
13	60	1.09	-39.6	45.7
14	60	-1.24	-51.9	23.4
15	60	-1.20	-50.2	41.6
16	220	-1.20	-50.4	44.2
17	270	1.05	-40.7	44.2
18	90	-.95	-39.9	38.8
19	180	-1.60	-67.4	33.2
20	350	-1.34	-56.1	23.8
101	60	-1.38	-57.9	42.0
102	60	-1.48	-62.0	32.2
103	60	-1.48	-62.0	32.1
104	50	-1.14	-47.9	35.7
105	80	-1.48	-62.4	38.9
106	230	-1.24	-52.3	36.0
107	50	-1.31	-55.0	46.3
108	60	-1.02	-42.7	41.8
109	70	1.00	-39.0	42.1
110	220	-.90	-37.6	36.7
111	220	-1.44	-60.4	49.2
112	40	-1.30	-54.5	44.4
113	50	-1.33	-55.7	45.6
114	40	-1.66	-69.6	43.2
115	50	-1.48	-62.1	46.1
116	60	1.12	-38.7	46.8
117	220	1.04	-40.2	43.9
118	230	-1.48	-62.2	45.8
119	50	-1.55	-65.2	44.9
120	50	-1.34	-56.2	44.4
121	50	-1.47	-61.5	44.9
122	60	1.07	-40.8	44.8
123	220	1.11	-44.0	46.5
124	220	1.11	-45.3	46.8
125	220	-1.50	-62.9	49.6
126	50	-1.71	-72.0	42.6
127	50	-1.78	-75.0	45.0
128	40	-1.46	-61.4	44.4
129	60	1.11	-41.7	46.7
130	60	1.00	-41.8	41.8
131	220	-1.29	-54.3	47.0
132	230	-1.40	-58.9	42.7
133	50	-1.48	-62.2	41.9
134	50	-1.58	-66.5	37.7
135	50	-1.78	-74.8	45.4
136	210	1.15	-38.7	48.1
137	220	1.17	-45.5	49.2
138	220	-1.24	-52.2	42.7
139	230	-1.75	-73.6	45.6
140	50	-1.76	-73.9	42.8
141	60	-1.34	-56.1	41.5
142	40	-1.33	-55.7	37.3
143	60	-1.09	-45.8	41.6
144	220	-1.07	-45.1	38.4
145	220	-1.33	-55.7	46.3
146	170	-1.59	-66.8	40.4
147	50	-1.61	-67.6	39.9
148	50	-1.36	-56.9	38.3
149	50	-1.32	-55.3	39.2
150	60	-1.13	-47.3	35.3
151	60	-1.09	-45.7	37.7
152	220	-1.11	-46.8	39.8
153	220	-1.37	-57.7	45.1
154	60	-1.45	-60.7	32.1
155	50	-1.36	-57.0	37.9
156	180	-1.23	-51.5	37.8
157	90	-1.22	-51.1	33.5
158	90	-1.08	-45.3	33.9
159	220	-1.27	-53.5	38.1
160	230	-1.18	-49.7	35.6
161	50	-1.18	-49.7	32.7
162	50	-1.21	-50.7	29.9
163	100	-1.58	-66.2	33.5
164	100	-1.26	-52.9	34.4
165	90	-1.27	-53.2	32.6
166	220	-.92	-38.5	29.4
167	220	-1.21	-51.0	33.3
168	60	-1.01	-42.3	34.2
169	60	-1.01	-42.5	29.6
170	190	-1.04	-43.9	25.8
171	90	-1.54	-64.6	31.4
172	90	-1.34	-56.4	29.7
173	220	-.94	-39.6	30.9
174	230	-.93	-39.1	31.7
175	170	-1.08	-45.5	25.7
176	170	-1.36	-57.1	29.6
177	180	-1.55	-64.9	29.2
178	160	-.90	-37.6	27.7
179	160	-1.18	-49.5	31.8
180	170	-1.17	-49.3	30.6
181	200	-1.02	-42.9	29.4
182	50	-1.12	-46.9	30.4
183	110	-.98	-41.3	34.4
184	190	-1.38	-58.1	35.1
185	200	-1.00	-42.0	36.5
186	220	-1.05	-44.0	36.4
187	190	-.94	-39.5	33.7
188	200	-1.14	-48.1	31.3
201	340	-1.74	-73.1	35.6
202	340	-1.24	-51.9	30.8
203	190	-1.08	-45.2	38.7
204	190	-1.13	-47.3	37.8
205	260	-1.31	-54.8	37.9
206	260	-1.06	-44.6	34.1
207	80	-1.06	-44.4	31.8
208	90	-1.35	-56.9	32.6
209	80	-1.10	-46.2	35.7
210	100	-.95	-39.9	30.1
211	100	-1.12	-47.0	46.3
212	350	-1.57	-66.1	45.4
213	170	-1.03	-43.1	38.2
214	170	-1.27	-53.4	35.0
215	280	-1.54	-64.5	42.5
216	270	-1.59	-66.9	48.6
217	260	-1.27	-53.3	42.6
218	270	.98	-35.1	41.0
219	90	1.05	-42.6	43.9
220	80	-1.00	-42.0	36.6
221	100	1.02	-41.8	42.7
222	340	1.00	-40.7	42.1
223	330	-1.66	-69.5	42.1
224	340	-1.18	-49.6	39.6
225	180	-1.57	-66.1	41.9
226	170	-1.05	-44.3	43.0
227	270	-1.28	-53.6	43.0
228	270	-1.32	-55.2	42.8
229	260	-1.31	-55.1	42.8
230	80	-1.19	-49.9	42.5
231	90	-1.39	-58.4	42.8
232	330	-1.48	-62.1	46.1
233	340	-1.23	-51.8	49.4
234	180	-1.18	-49.4	45.1
235	180	-1.44	-60.5	43.6
236	280	-1.40	-58.7	45.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ----
237	260	-1.15	-48.1	42.7
238	270	.98	-36.3	41.0
239	80	1.01	-34.6	42.3
240	90	-1.67	-70.3	43.1
241	90	-1.17	-49.0	47.2
242	330	-1.40	-58.7	41.0
243	330	-1.31	-55.0	44.0
244	180	-1.08	-45.2	41.3
245	180	-1.44	-60.6	41.8
246	260	-1.36	-56.9	50.5
247	260	-1.23	-51.8	42.8
248	280	-1.04	-43.7	40.3
249	270	-1.10	-46.3	45.0
250	100	-1.44	-60.4	47.4
251	80	1.32	-53.8	55.6
252	340	-1.63	-68.6	41.9
253	340	-1.34	-56.3	47.1
254	180	-1.30	-54.7	40.1
255	180	-1.32	-55.4	40.0
256	270	-1.59	-66.9	44.4
257	270	-1.52	-64.0	42.7
258	260	-1.29	-54.0	40.8
259	280	-1.17	-48.9	44.9
260	80	-1.39	-58.6	39.0
261	90	-1.25	-52.5	50.2
262	330	-1.63	-68.5	41.0
263	330	-1.49	-62.7	43.5
264	180	-1.20	-50.5	46.7
265	170	-1.55	-64.9	42.6
266	270	-1.50	-62.8	39.4
267	260	-1.47	-61.7	43.6
268	260	1.00	-37.6	41.9
269	270	1.09	-34.0	45.7
270	90	-1.51	-63.3	44.8
271	80	-1.22	-51.3	48.2
272	320	-1.39	-58.4	41.5
273	180	-1.42	-59.4	39.4
274	180	-1.40	-58.8	41.5
275	180	-1.43	-59.9	36.8
276	270	-1.56	-65.6	34.2
277	270	-1.59	-66.9	37.0
278	270	-1.38	-58.0	40.0
279	270	-1.29	-54.0	38.4
280	90	-1.37	-57.7	39.4
281	240	-1.26	-52.8	41.1
282	340	-1.50	-62.9	34.6
283	100	-1.33	-55.8	40.1
284	180	-1.35	-56.9	35.7
285	180	-1.65	-69.4	37.9
286	270	-1.34	-56.1	36.8
287	300	-1.42	-59.5	37.9
288	300	-1.51	-63.3	34.7
289	300	-1.46	-61.3	37.3
290	70	-1.18	-49.7	37.1
291	230	-1.18	-49.6	42.6
292	340	-1.40	-58.8	35.0
293	110	-1.14	-48.1	33.7
294	180	-1.25	-52.3	34.7
295	180	-1.54	-64.6	32.3
296	270	-1.24	-52.0	33.7
297	300	-1.42	-59.4	33.6
298	310	-1.32	-55.6	33.6
299	290	-1.06	-44.5	37.1
300	300	-1.38	-58.2	36.8
301	240	-1.03	-43.3	39.9
302	330	-1.26	-53.1	30.5
303	170	-1.68	-70.5	29.9
304	170	-1.48	-62.4	28.7
305	170	-1.46	-61.2	33.7
306	170	-1.28	-53.9	31.3
307	290	-1.09	-45.7	37.3
308	270	-1.10	-46.4	36.7
309	310	-1.07	-45.0	35.3
310	310	-1.48	-62.0	33.5
311	290	-1.09	-45.6	31.7
312	340	-1.11	-46.5	26.3
313	120	-1.57	-65.8	27.9
314	120	-1.09	-45.8	24.8
315	280	-1.13	-47.4	22.7
316	300	-1.02	-42.9	20.7
317	310	-1.17	-49.2	29.6
318	310	-1.53	-64.2	30.6
319	300	-1.14	-47.7	31.2
320	300	-1.15	-48.1	27.9
321	290	-1.09	-45.7	30.7
322	340	-1.38	-57.9	27.2
323	40	-1.24	-52.1	28.2
324	170	-.92	-38.6	25.6
325	280	-1.00	-41.9	26.7
326	290	-.90	-37.8	27.7
327	290	-1.03	-43.1	32.8
328	330	-1.32	-55.6	32.6
329	290	-1.12	-47.0	35.9
401	90	-1.24	-52.0	45.5
402	190	-1.15	-48.3	42.6
403	210	-1.27	-53.4	34.6
404	50	-1.24	-52.2	32.7
405	50	-1.80	-75.4	41.5
406	100	1.15	-41.4	48.2
407	220	-1.37	-57.4	42.0
408	200	-1.52	-63.7	45.4
409	40	1.18	-49.0	49.7
410	50	-1.12	-47.1	46.9
411	70	-1.27	-53.4	48.6
412	240	-1.25	-52.3	50.7
413	210	-1.63	-68.6	49.3
414	50	-1.16	-48.9	45.4
415	50	-1.10	-46.1	42.9
416	50	-1.29	-54.3	48.2
417	230	-1.06	-44.4	41.0
418	40	-1.23	-51.6	44.8
419	350	-.96	-40.3	37.6
420	60	-1.25	-52.6	39.7
421	50	-1.24	-51.9	44.7
422	80	-1.14	-47.9	44.7
423	210	-1.01	-42.3	39.9
424	50	-1.09	-45.8	39.6
425	60	-1.15	-48.4	42.4
426	60	-1.19	-50.1	38.8
427	220	-1.05	-44.2	37.7
428	220	-1.33	-56.0	40.7
429	50	-1.03	-43.3	42.7
430	50	-1.17	-49.0	42.4
431	340	-1.05	-44.2	33.4
432	240	-1.07	-44.9	34.7
433	230	-1.12	-46.9	39.6
434	50	-1.11	-46.7	38.1
435	50	-.95	-39.7	34.9
436	60	-1.35	-56.5	35.4
437	220	-1.19	-50.1	35.4
438	340	-1.46	-61.2	34.4
439	340	-1.52	-63.8	30.3
440	330	-1.23	-51.7	35.8
441	70	-1.20	-50.2	35.2
442	300	-1.17	-49.3	34.3
443	320	-1.08	-45.4	32.0
444	340	-1.05	-44.3	33.6
445	250	-1.01	-42.3	30.9
446	270	-1.13	-47.7	32.1
447	280	-.96	-40.2	27.9
448	280	-1.26	-53.0	27.0
449	280	-1.01	-42.3	30.4
450	280	-1.29	-54.1	30.9
451	340	-1.14	-47.7	25.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF
452	350	-1.04	-43.7	26.6
453	340	-1.54	-64.8	29.2
454	330	-.79	-33.2	30.3
455	330	-1.09	-45.6	29.1
456	280	-1.31	-54.8	30.4
457	310	-1.04	-43.8	30.8
458	290	-.94	-39.3	34.3
459	340	-.88	-37.1	30.5
460	280	-1.12	-47.1	33.5
461	290	-1.04	-43.8	32.7
462	280	-1.28	-53.6	30.0
463	350	-.86	-36.1	25.8
501	170	-1.95	-81.9	34.8
502	170	-1.32	-55.3	32.7
503	350	-1.09	-45.6	32.8
504	350	-1.27	-53.3	29.4
505	350	-1.16	-48.8	37.3
506	80	-.96	-40.4	38.7
507	270	-1.26	-52.9	36.9
508	290	-1.37	-57.6	29.8
509	170	-1.62	-68.1	48.2
510	170	-1.32	-55.5	44.2
511	350	-1.18	-49.7	47.5
512	350	-1.26	-52.8	39.9
513	350	-1.32	-55.5	45.5
514	60	-1.16	-48.9	47.5
515	80	1.26	-48.6	52.9
516	290	-1.43	-60.2	36.3
517	170	-1.33	-56.0	43.3
518	170	-1.21	-50.8	46.0
519	350	-1.31	-54.9	44.2
520	350	-1.36	-56.9	42.1
521	350	-1.66	-69.6	41.5
522	350	-1.28	-53.8	45.4
523	80	-1.33	-55.8	42.3
524	290	-1.35	-56.5	46.4
525	170	-1.44	-60.3	38.2
526	170	-1.27	-53.5	42.9
527	350	-1.55	-65.2	45.0
528	0	-1.66	-69.8	43.0
529	350	-1.52	-63.7	44.8
530	80	-1.27	-53.5	51.0
531	70	1.25	-48.3	52.4
532	290	-1.35	-56.8	48.7
533	170	-1.53	-64.1	41.3
534	170	-1.49	-62.4	40.3
535	350	-1.25	-52.7	38.9
536	0	-1.26	-52.8	41.3
537	350	-1.49	-62.7	46.7
538	80	-1.36	-57.3	40.6
539	80	-1.15	-48.1	40.7
540	290	-1.44	-60.5	43.9
541	340	-1.26	-52.9	36.4
542	170	-1.21	-50.9	36.1
543	340	-1.53	-64.1	37.0
544	340	-1.63	-68.4	36.4
545	0	-1.67	-70.3	41.7
546	70	-1.42	-59.7	39.0
547	70	-1.25	-52.4	38.1
548	290	-1.55	-65.1	42.1
549	170	-1.45	-60.8	33.9
550	170	-1.22	-51.4	33.5
551	340	-1.58	-66.5	35.8
552	340	-1.93	-81.0	37.9
553	340	-2.11	-88.7	39.1
554	180	-1.54	-64.7	41.3
555	80	-1.20	-50.5	34.0
556	280	-1.57	-65.7	41.7
557	170	-1.51	-63.4	27.8
558	170	-1.35	-56.7	29.2
559	350	-1.50	-63.1	35.5
560	350	-1.68	-70.6	36.8
561	350	-1.87	-78.4	36.1
562	340	-1.74	-73.1	40.8
563	110	-.98	-41.0	28.3
564	280	-1.43	-60.2	36.0
565	160	-1.73	-72.5	32.3
566	160	-1.25	-52.4	23.9
567	270	-1.17	-49.2	20.2
568	340	-1.31	-54.8	26.4
569	340	-1.39	-58.4	31.3
570	340	-1.24	-52.2	32.8
571	90	-.97	-40.7	37.1
572	290	-1.50	-63.1	32.1
573	180	-1.53	-64.4	24.4
574	170	-1.13	-47.6	27.2
575	310	-1.38	-57.8	21.0
576	310	-1.30	-54.7	26.4
577	350	-1.24	-52.3	31.8
578	310	-1.05	-44.3	31.9
579	170	-1.34	-56.4	27.9
580	270	-1.26	-52.9	30.0
581	290	-1.06	-44.4	31.8
582	320	-1.04	-43.7	27.2
583	170	-1.02	-42.8	34.9
584	300	-1.30	-54.4	21.3
585	170	-1.01	-42.4	26.9
586	160	-1.01	-42.5	31.4
587	290	-1.18	-49.8	26.1
588	290	-.81	-33.8	22.7
589	170	-1.41	-59.3	27.5
590	290	-.98	-41.3	31.1
591	340	-.96	-40.4	27.9
592	280	-1.16	-48.7	27.9
593	290	-1.10	-46.4	23.3
594	180	-1.34	-56.1	26.1
595	180	-1.22	-51.4	28.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

* * 15 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
553	340	-2.11	-88.7	39.1
501	170	-1.95	-81.9	34.8
552	340	-1.93	-81.0	37.9
561	350	-1.87	-78.4	36.1
405	50	-1.80	-75.4	41.5
127	50	-1.78	-75.0	45.0
135	50	-1.78	-74.8	45.4
140	50	-1.76	-73.9	42.8
139	230	-1.75	-73.6	45.6
201	340	-1.74	-73.1	35.6
562	340	-1.74	-73.1	40.8
565	160	-1.73	-72.5	32.3
126	50	-1.71	-72.0	42.6
560	350	-1.68	-70.6	36.8
303	170	-1.68	-70.5	29.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : AMERICAN GEMERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK
501	164	-1.79	-75.0	12.4	553	354	-1.80	-75.7	15.3	561	336	-1.94	-81.6	11.5
552	354	-1.58	-66.2	10.8										

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

* * 4 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
561	336	-1.94	-81.6	11.5
553	354	-1.80	-75.7	15.3
501	164	-1.79	-75.0	12.4
552	354	-1.58	-66.2	10.8

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
CONFIGURATION A REFERENCE PRESSURE 30.0 GUST FACTOR 1.32

AZIMUTH DEGREES	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
0	-1860.6	204.8	-45.4	-599.1	-54.6
10	-1227.0	623.3	-193.0	-384.4	-35.5
20	-537.7	906.2	-292.9	-149.9	-7.2
30	233.9	1061.6	-332.3	119.5	26.4
40	789.3	980.3	-315.8	295.1	52.8
50	1107.0	716.8	-242.2	399.9	67.1
60	1308.4	676.8	-226.2	482.6	65.4
70	964.6	754.2	-267.8	316.5	49.7
80	1083.1	704.3	-263.9	345.2	48.9
90	1328.5	724.6	-297.0	418.4	42.1
100	1596.5	610.4	-239.5	506.1	33.8
110	1815.9	402.2	-154.5	572.7	21.7
120	2189.0	305.2	-105.9	676.1	17.4
130	2190.2	-3.0	-3.3	685.0	5.2
140	2169.8	-294.6	93.7	670.8	-6.9
150	1936.7	-552.9	197.4	585.5	-19.1
160	1628.3	-959.4	321.0	486.8	-33.0
170	1487.0	-1007.2	340.8	441.3	-41.8
180	1751.7	-786.6	252.6	535.7	-46.2
190	1503.0	-837.0	258.3	454.4	-42.6
200	1126.8	-965.3	306.4	339.1	-33.9
210	946.2	-918.4	292.7	275.0	-25.9
220	873.0	-683.9	220.9	275.8	-27.7
230	42.9	-612.2	199.1	22.4	-4.5
240	-652.1	-513.9	172.6	-187.2	27.0
250	-975.4	-395.2	142.4	-272.6	52.3
260	-1432.4	-64.6	34.6	-424.6	73.0
270	-1827.1	59.6	2.9	-550.3	74.0
280	-2042.6	-231.5	95.2	-610.3	59.4
290	-2244.9	-293.0	97.4	-689.4	38.8
300	-2344.7	-238.6	67.7	-728.9	17.1
310	-2394.1	-98.6	13.1	-751.0	-6.5
320	-2315.3	93.0	-48.6	-725.1	-28.0
330	-2132.6	229.2	-93.6	-675.2	-48.2
340	-2149.1	186.2	-77.0	-693.1	-58.0
350	-2256.2	-57.5	36.8	-734.1	-64.1

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
CONFIGURATION A REFERENCE PRESSURE 42.0 GUST FACTOR 1.32

AZIMUTH DEGREES	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
0	-2604.9	286.7	-63.6	-838.8	-76.5
10	-1717.8	872.7	-270.2	-538.2	-49.7
20	-752.9	1268.7	-410.1	-209.8	-10.1
30	327.5	1486.3	-465.3	167.3	37.9
40	1105.1	1372.5	-442.1	413.1	73.9
50	1549.7	1003.5	-339.1	559.8	94.0
60	1831.7	947.5	-316.7	675.5	91.6
70	1350.4	1055.8	-375.0	443.1	69.6
80	1516.4	986.1	-369.5	483.2	68.5
90	1859.9	1014.5	-415.8	585.8	59.0
100	2235.0	854.6	-335.3	708.6	47.3
110	2542.2	563.1	-216.3	801.7	30.4
120	3064.6	427.3	-148.2	946.5	24.3
130	3066.3	-4.2	-4.6	959.0	7.2
140	3037.7	-412.4	131.2	939.2	-9.7
150	2711.4	-774.1	276.4	819.6	-26.8
160	2279.6	-1343.2	449.4	681.5	-46.1
170	2081.8	-1410.1	477.2	617.9	-58.1
180	2452.4	-1101.3	353.6	750.0	-64.7
190	2104.2	-1171.8	361.6	636.1	-59.6
200	1577.5	-1351.4	428.9	474.8	-47.4
210	1324.7	-1285.8	409.7	385.0	-36.2
220	1222.2	-957.4	309.3	386.1	-38.8
230	60.0	-857.0	278.8	31.4	-6.3
240	-912.9	-719.5	241.6	-262.0	37.8
250	-1365.6	-553.2	199.3	-381.6	72.3
260	-2005.3	-90.5	48.5	-594.5	102.3
270	-2558.0	83.4	4.0	-770.4	103.6
280	-2859.7	-324.1	133.3	-854.5	83.1
290	-3142.8	-410.2	136.3	-965.2	54.1
300	-3282.6	-334.1	94.8	-1020.5	23.9
310	-3351.7	-138.0	18.3	-1051.4	-9.1
320	-3241.4	130.8	-68.0	-1015.2	-39.1
330	-2985.6	320.8	-131.1	-945.3	-67.2
340	-3008.8	260.6	-107.8	-970.3	-81.2
350	-3158.7	-80.5	51.5	-1027.8	-89.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-1860.6	204.8	-45.4	-599.1	-54.6
		-63.1	21.4	5843	3152	-10.8	6.8					
2ND	25.25							-1797.5	183.4	-40.5	-552.9	-53.3
		-31.4	13.0	3008	1623	-10.4	8.0					
3RD	38.25							-1766.1	170.4	-38.2	-529.8	-52.7
		-32.5	12.0	3008	1623	-10.8	7.4					
4TH	51.25							-1733.6	158.4	-36.1	-507.0	-52.1
		-33.5	11.0	3008	1623	-11.2	6.8					
5TH	64.25							-1700.0	147.4	-34.1	-484.7	-51.3
		-34.6	10.0	3008	1623	-11.5	6.2					
6TH	77.25							-1665.4	137.3	-32.3	-462.8	-50.5
		-34.1	9.1	3008	1623	-11.3	5.6					
7TH	90.25							-1631.3	128.3	-30.5	-441.4	-49.7
		-31.3	8.7	3008	1623	-10.4	5.3					
8TH	103.25							-1600.0	119.6	-28.9	-420.4	-49.1
		-28.6	8.3	3008	1623	-9.5	5.1					
9TH	116.25							-1571.4	111.3	-27.4	-399.8	-48.7
		-25.8	7.9	3008	1623	-8.6	4.9					
10TH	129.25							-1545.6	103.4	-26.0	-379.5	-48.6
		-23.1	7.5	3008	1623	-7.7	4.6					
11TH	142.25							-1522.6	95.9	-24.7	-359.6	-48.7
		-25.0	7.0	3008	1623	-8.3	4.3					
12TH	155.25							-1497.5	88.8	-23.5	-339.9	-48.8
		-28.7	6.3	3008	1623	-9.5	3.9					
13TH	168.25							-1468.9	82.5	-22.4	-320.7	-48.6
		-32.3	5.6	3008	1623	-10.7	3.4					
14TH	181.25							-1436.5	77.0	-21.4	-301.8	-48.2
		-36.0	4.8	3008	1623	-12.0	3.0					
15TH	194.25							-1400.6	72.1	-20.4	-283.3	-47.4
		-39.6	4.1	3008	1623	-13.2	2.5					
16TH	207.25							-1361.0	68.0	-19.5	-265.4	-46.4
		-40.3	3.3	3008	1623	-13.4	2.1					
17TH	220.25							-1320.7	64.7	-18.6	-247.9	-45.2
		-41.0	2.5	3008	1623	-13.6	1.6					
18TH	233.25							-1279.7	62.1	-17.8	-231.0	-44.0
		-41.7	1.7	3008	1623	-13.9	1.1					
19TH	246.25							-1238.1	60.4	-17.0	-214.7	-42.8
		-42.4	.9	3008	1623	-14.1	.6					
20TH	259.25							-1195.7	59.5	-16.2	-198.9	-41.5
		-43.1	.1	3008	1623	-14.3	.1					
21ST	272.25							-1152.6	59.3	-15.5	-183.6	-40.2
		-43.6	.1	3008	1623	-14.5	.1					
22ND	285.25							-1108.9	59.2	-14.7	-168.9	-38.9
		-44.1	.3	3008	1623	-14.7	.2					
23RD	298.25							-1064.8	58.9	-13.9	-154.8	-37.5
		-44.6	.5	3008	1623	-14.8	.3					
24TH	311.25							-1020.1	58.4	-13.2	-141.2	-36.0
		-45.1	.7	3008	1623	-15.0	.4					
25TH	324.25							-975.0	57.8	-12.4	-128.2	-34.5
		-45.6	.8	3008	1623	-15.2	.5					
26TH	337.25							-929.4	57.0	-11.7	-115.9	-33.0
		-46.1	.5	3008	1623	-15.3	.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-883.4	56.4	-10.9	-104.1	-31.4
		-46.6	.3	3008	1623	-15.5	.2					
28TH	363.25							-836.8	56.1	-10.2	-92.9	-29.8
		-47.1	.0	3008	1623	-15.6	.0					
29TH	376.25							-789.7	56.1	-9.5	-82.3	-28.2
		-47.5	-.3	3008	1623	-15.8	-.2					
30TH	389.25							-742.2	56.4	-8.7	-72.4	-26.6
		-48.2	-.4	3008	1623	-16.0	-.2					
31ST	402.25							-694.0	56.8	-8.0	-63.0	-24.9
		-48.7	-.3	3008	1623	-16.2	-.2					
32ND	415.25							-645.3	57.1	-7.3	-54.3	-23.2
		-49.3	-.1	3008	1623	-16.4	-.1					
33RD	428.25							-596.0	57.2	-6.5	-46.3	-21.5
		-49.9	-.0	3008	1623	-16.6	-.0					
34TH	441.25							-546.1	57.2	-5.8	-38.8	-19.7
		-50.5	.1	3008	1623	-16.8	.1					
35TH	454.25							-495.5	57.1	-5.0	-32.1	-17.9
		-50.7	.8	3008	1623	-16.9	.5					
36TH	467.25							-444.8	56.3	-4.3	-26.0	-16.1
		-51.0	1.9	3008	1623	-17.0	1.1					
37TH	480.25							-393.8	54.4	-3.6	-20.5	-14.3
		-51.3	2.9	3008	1623	-17.0	1.8					
38TH	493.25							-342.5	51.5	-2.9	-15.7	-12.5
		-51.5	4.0	3008	1623	-17.1	2.5					
39TH	506.25							-291.0	47.5	-2.2	-11.6	-10.8
		-51.7	5.1	3008	1623	-17.2	3.1					
40TH	519.25							-239.4	42.4	-1.6	-8.2	-9.0
		-50.3	5.9	3008	1623	-16.7	3.6					
41ST	532.25							-189.0	36.5	-1.1	-5.4	-7.2
		-48.8	6.7	3008	1623	-16.2	4.1					
42ND	545.25							-140.2	29.8	-.7	-3.2	-5.5
		-56.4	11.2	4002	2171	-14.1	5.2					
PENT	563.25							-83.8	18.6	-.3	-1.2	-2.9
		-83.8	18.6	6390	3472	-13.1	5.4					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-1227.0	623.3	-193.0	-384.4	-35.5
		-48.6	30.5	5843	3152	-8.3	9.7					
2ND	25.25							-1178.4	592.8	-177.6	-354.1	-34.7
		-22.8	16.8	3008	1623	-7.6	10.3					
3RD	38.25							-1155.6	576.0	-170.0	-338.9	-34.4
		-23.2	16.0	3008	1623	-7.7	9.8					
4TH	51.25							-1132.4	560.1	-162.6	-324.0	-34.0
		-23.6	15.2	3008	1623	-7.9	9.3					
5TH	64.25							-1108.7	544.9	-155.5	-309.5	-33.5
		-24.0	14.4	3008	1623	-8.0	8.9					
6TH	77.25							-1084.7	530.5	-148.5	-295.2	-33.1
		-23.7	13.6	3008	1623	-7.9	8.4					
7TH	90.25							-1061.0	516.9	-141.7	-281.3	-32.6
		-21.8	13.2	3008	1623	-7.3	8.1					
8TH	103.25							-1039.2	503.7	-135.0	-267.6	-32.2
		-20.0	12.9	3008	1623	-6.6	7.9					
9TH	116.25							-1019.2	490.9	-128.6	-254.2	-31.9
		-18.1	12.5	3008	1623	-6.0	7.7					
10TH	129.25							-1001.1	478.4	-122.3	-241.1	-31.8
		-16.3	12.1	3008	1623	-5.4	7.5					
11TH	142.25							-984.9	466.2	-116.1	-228.2	-31.7
		-17.3	11.8	3008	1623	-5.8	7.2					
12TH	155.25							-967.5	454.5	-110.1	-215.5	-31.7
		-19.6	11.4	3008	1623	-6.5	7.0					
13TH	168.25							-948.0	443.1	-104.3	-203.1	-31.5
		-21.8	11.0	3008	1623	-7.2	6.8					
14TH	181.25							-926.2	432.1	-98.6	-190.9	-31.1
		-24.0	10.6	3008	1623	-8.0	6.5					
15TH	194.25							-902.1	421.5	-93.1	-179.0	-30.5
		-26.3	10.2	3008	1623	-8.7	6.3					
16TH	207.25							-875.9	411.3	-87.6	-167.4	-29.7
		-26.8	10.2	3008	1623	-8.9	6.3					
17TH	220.25							-849.1	401.2	-82.4	-156.2	-28.9
		-27.2	10.4	3008	1623	-9.0	6.4					
18TH	233.25							-821.9	390.7	-77.2	-145.4	-28.0
		-27.6	10.7	3008	1623	-9.2	6.6					
19TH	246.25							-794.4	380.0	-72.2	-134.8	-27.2
		-28.0	11.0	3008	1623	-9.3	6.8					
20TH	259.25							-766.3	369.0	-67.3	-124.7	-26.4
		-28.4	11.3	3008	1623	-9.4	6.9					
21ST	272.25							-737.9	357.7	-62.6	-114.9	-25.7
		-28.7	11.4	3008	1623	-9.5	7.0					
22ND	285.25							-709.2	346.4	-58.0	-105.5	-24.8
		-29.1	11.4	3008	1623	-9.7	7.0					
23RD	298.25							-680.2	335.0	-53.6	-96.5	-24.0
		-29.4	11.4	3008	1623	-9.8	7.1					
24TH	311.25							-650.8	323.5	-49.3	-87.8	-23.1
		-29.8	11.5	3008	1623	-9.9	7.1					
25TH	324.25							-621.0	312.0	-45.2	-79.6	-22.1
		-30.2	11.5	3008	1623	-10.1	7.1					
26TH	337.25							-590.8	300.5	-41.2	-71.7	-21.1
		-30.7	11.8	3008	1623	-10.2	7.3					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								-560.1	288.7	-37.4	-64.2	-20.1
27TH	350.25	-31.1	12.1	3008	1623	-10.3	7.4	-529.0	276.7	-33.7	-57.1	-19.0
28TH	363.25	-31.5	12.3	3008	1623	-10.5	7.6	-497.5	264.3	-30.2	-50.5	-17.9
29TH	376.25	-32.0	12.6	3008	1623	-10.6	7.7	-465.5	251.8	-26.8	-44.2	-16.9
30TH	389.25	-32.1	12.9	3008	1623	-10.7	8.0	-433.4	238.9	-23.7	-38.4	-15.8
31ST	402.25	-32.0	13.5	3008	1623	-10.6	8.3	-401.4	225.4	-20.6	-32.9	-14.7
32ND	415.25	-31.9	14.0	3008	1623	-10.6	8.7	-369.5	211.4	-17.8	-27.9	-13.6
33RD	428.25	-31.7	14.6	3008	1623	-10.5	9.0	-337.8	196.8	-15.1	-23.3	-12.5
34TH	441.25	-31.6	15.2	3008	1623	-10.5	9.4	-306.2	181.6	-12.7	-19.1	-11.4
35TH	454.25	-31.9	15.6	3008	1623	-10.6	9.6	-274.4	166.0	-10.4	-15.4	-10.3
36TH	467.25	-32.5	16.0	3008	1623	-10.8	9.9	-241.9	149.9	-8.4	-12.0	-9.3
37TH	480.25	-33.1	16.4	3008	1623	-11.0	10.1	-208.8	133.5	-6.5	-9.1	-8.2
38TH	493.25	-33.7	16.8	3008	1623	-11.2	10.4	-175.2	116.6	-4.9	-6.6	-7.1
39TH	506.25	-34.2	17.2	3008	1623	-11.4	10.6	-141.0	99.4	-3.5	-4.5	-6.1
40TH	519.25	-32.4	18.2	3008	1623	-10.8	11.2	-108.6	81.2	-2.3	-2.9	-5.0
41ST	532.25	-30.5	19.4	3008	1623	-10.2	11.9	-78.0	61.8	-1.4	-1.7	-4.1
42ND	545.25	-36.0	26.1	4002	2171	-9.0	12.0	-42.0	35.7	-.5	-.6	-2.4
PENT	563.25	-42.0	35.7	6390	3472	-6.6	10.3	0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-537.7	906.2	-292.9	-149.9	-7.2
2ND	25.25	-27.6	34.9	5843	3152	-4.7	10.8	-510.2	872.2	-270.5	-136.6	-7.1
3RD	38.25	-12.2	20.0	3008	1623	-4.1	12.3	-497.9	852.3	-259.3	-130.1	-7.2
4TH	51.25	-13.0	19.1	3008	1623	-4.3	11.8	-484.9	833.2	-248.3	-123.7	-7.2
5TH	64.25	-13.8	18.3	3008	1623	-4.6	11.3	-471.2	814.9	-237.6	-117.5	-7.2
6TH	77.25	-14.5	17.4	3008	1623	-4.8	10.7	-456.6	797.5	-227.1	-111.5	-7.1
7TH	90.25	-14.7	16.6	3008	1623	-4.9	10.2	-441.9	780.8	-216.9	-105.6	-7.0
8TH	103.25	-13.3	16.4	3008	1623	-4.4	10.1	-428.7	764.4	-206.8	-100.0	-6.9
9TH	116.25	-11.8	16.3	3008	1623	-3.9	10.0	-416.9	748.1	-197.0	-94.5	-6.9
10TH	129.25	-10.3	16.1	3008	1623	-3.4	9.9	-406.6	732.0	-187.4	-89.1	-6.9
11TH	142.25	-8.9	15.9	3008	1623	-3.0	9.8	-397.7	716.1	-177.9	-83.9	-7.0
12TH	155.25	-9.3	15.8	3008	1623	-3.1	9.7	-388.4	700.4	-168.7	-78.8	-7.0
13TH	168.25	-10.5	15.7	3008	1623	-3.5	9.7	-377.9	684.7	-159.7	-73.8	-7.0
14TH	181.25	-11.8	15.7	3008	1623	-3.9	9.7	-366.1	669.0	-150.9	-69.0	-7.0
15TH	194.25	-13.0	15.6	3008	1623	-4.3	9.6	-353.1	653.4	-142.3	-64.3	-6.8
16TH	207.25	-14.3	15.6	3008	1623	-4.7	9.6	-338.8	637.8	-133.9	-59.8	-6.6
17TH	220.25	-14.1	15.6	3008	1623	-4.7	9.6	-324.7	622.3	-125.8	-55.5	-6.4
18TH	233.25	-13.7	15.7	3008	1623	-4.5	9.7	-311.0	606.6	-117.8	-51.3	-6.2
19TH	246.25	-13.3	15.8	3008	1623	-4.4	9.7	-297.8	590.8	-110.0	-47.4	-6.0
20TH	259.25	-12.8	15.8	3008	1623	-4.3	9.8	-284.9	575.0	-102.4	-43.6	-5.9
21ST	272.25	-12.4	15.9	3008	1623	-4.1	9.8	-272.5	559.1	-95.0	-40.0	-5.8
22ND	285.25	-12.2	16.4	3008	1623	-4.0	10.1	-260.4	542.6	-87.9	-36.5	-5.7
23RD	298.25	-12.0	17.1	3008	1623	-4.0	10.5	-248.4	525.5	-80.9	-33.2	-5.5
24TH	311.25	-11.8	17.7	3008	1623	-3.9	10.9	-236.6	507.8	-74.2	-30.0	-5.4
25TH	324.25	-11.6	18.3	3008	1623	-3.9	11.3	-225.0	489.5	-67.7	-27.0	-5.1
26TH	337.25	-11.6	19.0	3008	1623	-3.8	11.7	-213.4	470.6	-61.5	-24.2	-4.9
		-11.9	19.8	3008	1623	-4.0	12.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
								-201.5	450.8	-55.5	-21.5	-4.7
27TH	350.25	-12.3	20.6	3008	1623	-4.1	12.7	-189.2	430.2	-49.8	-19.0	-4.5
28TH	363.25	-12.7	21.4	3008	1623	-4.2	13.2	-176.5	408.8	-44.3	-16.6	-4.3
29TH	376.25	-13.0	22.2	3008	1623	-4.3	13.7	-163.5	386.5	-39.2	-14.4	-4.1
30TH	389.25	-13.0	23.0	3008	1623	-4.3	14.1	-150.5	363.6	-34.3	-12.3	-3.9
31ST	402.25	-12.5	23.5	3008	1623	-4.2	14.5	-137.9	340.1	-29.7	-10.5	-3.7
32ND	415.25	-12.0	24.0	3008	1623	-4.0	14 8	-125.9	316.1	-25.4	-8.7	-3.5
33RD	428.25	-11.5	24.5	3008	1623	-3.8	15.1	-114.4	291.6	-21.5	-7.2	-3.4
34TH	441.25	-11.0	25.0	3008	1623	-3.7	15.4	-103.4	266.6	-17.9	-5.8	-3.2
35TH	454.25	-11.2	25.4	3008	1623	-3.7	15.6	-92.2	241.2	-14.6	-4.5	-3.1
36TH	467.25	-11.7	25.6	3008	1623	-3.9	15.8	-80.5	215.5	-11.6	-3.4	-2.9
37TH	480.25	-12.2	25.9	3008	1623	-4.1	16.0	-68.3	189.6	-9.0	-2.4	-2.8
38TH	493.25	-12.8	26.2	3008	1623	-4.3	16.1	-55.5	163.5	-6.7	-1.6	-2.6
39TH	506.25	-13.3	26.4	3008	1623	-4.4	16.3	-42.2	137.1	-4.7	-1.0	-2.5
40TH	519.25	-13.2	26.9	3008	1623	-4.4	16.6	-28.9	110.2	-3.1	-.5	-2.3
41ST	532.25	-13.2	27.4	3008	1623	-4.4	16.9	-15.8	82.7	-1.8	-.2	-2.3
42ND	545.25	-13.1	35.9	4002	2171	-3.3	16.5	-2.7	46.8	-.7	-.0	-1.7
PENT	563.25	-2.7	46.8	6390	3472	-.4	13.5	0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							233.9	1061.6	-332.3	119.5	26.4
		-14.6	35.2	5843	3152	-2.5	11.2					
2ND	25.25							248.5	1026.5	-306.0	113.4	26.0
		-4.6	20.7	3008	1623	-1.5	12.8					
3RD	38.25							253.1	1005.7	-292.8	110.2	25.7
		-4.8	20.8	3008	1623	-1.6	12.8					
4TH	51.25							257.9	985.0	-279.8	106.8	25.3
		-5.0	20.8	3008	1623	-1.7	12.8					
5TH	64.25							263.0	964.1	-267.1	103.4	25.0
		-5.2	20.9	3008	1623	-1.7	12.9					
6TH	77.25							268.2	943.2	-254.7	100.0	24.6
		-5.1	21.0	3008	1623	-1.7	12.9					
7TH	90.25							273.4	922.3	-242.6	96.5	24.2
		-3.9	20.8	3008	1623	-1.3	12.8					
8TH	103.25							277.3	901.4	-230.8	92.9	23.9
		-2.7	20.7	3008	1623	-.9	12.8					
9TH	116.25							280.0	880.7	-219.2	89.3	23.5
		-1.5	20.6	3008	1623	-.5	12.7					
10TH	129.25							281.5	860.2	-207.9	85.6	23.3
		-.3	20.5	3008	1623	-.1	12.6					
11TH	142.25							281.8	839.7	-196.8	82.0	23.1
		.1	20.4	3008	1623	.0	12.6					
12TH	155.25							281.6	819.3	-186.0	78.3	22.8
		.1	20.6	3008	1623	.0	12.7					
13TH	168.25							281.5	798.7	-175.5	74.6	22.5
		.0	20.8	3008	1623	.0	12.8					
14TH	181.25							281.5	778.0	-165.3	71.0	22.1
		-.0	20.9	3008	1623	-.0	12.9					
15TH	194.25							281.6	757.0	-155.3	67.3	21.7
		-.1	21.1	3008	1623	-.0	13.0					
16TH	207.25							281.7	735.9	-145.6	63.7	21.1
		1.1	21.3	3008	1623	.4	13.1					
17TH	220.25							280.6	714.6	-136.2	60.0	20.6
		2.6	21.6	3008	1623	.9	13.3					
18TH	233.25							277.9	693.0	-127.0	56.4	20.0
		4.2	21.9	3008	1623	1.4	13.5					
19TH	246.25							273.8	671.1	-118.1	52.8	19.3
		5.7	22.2	3008	1623	1.9	13.7					
20TH	259.25							268.1	648.9	-109.6	49.3	18.6
		7.2	22.4	3008	1623	2.4	13.8					
21ST	272.25							260.9	626.5	-101.3	45.8	17.9
		7.4	22.8	3008	1623	2.5	14.0					
22ND	285.25							253.5	603.7	-93.3	42.5	17.1
		7.7	23.1	3008	1623	2.5	14.2					
23RD	298.25							245.8	580.6	-85.6	39.2	16.4
		7.9	23.4	3008	1623	2.6	14.4					
24TH	311.25							237.9	557.2	-78.2	36.1	15.7
		8.1	23.8	3008	1623	2.7	14.7					
25TH	324.25							229.8	533.4	-71.1	33.1	14.9
		8.4	24.1	3008	1623	2.8	14.9					
26TH	337.25							221.4	509.3	-64.3	30.1	14.2
		8.8	24.4	3008	1623	2.9	15.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							212.7	484.8	-57.9	27.3	13.4
		9.2	24.8	3008	1623	3.1	15.3					
28TH	363.25							203.5	460.1	-51.7	24.6	12.7
		9.6	25.1	3008	1623	3.2	15.5					
29TH	376.25							193.9	435.0	-45.9	22.0	11.9
		10.0	25.4	3008	1623	3.3	15.6					
30TH	389.25							183.9	409.6	-40.4	19.6	11.1
		10.5	25.7	3008	1623	3.5	15.9					
31ST	402.25							173.4	383.8	-35.2	17.2	10.4
		10.9	26.2	3008	1623	3.6	16.1					
32ND	415.25							162.5	357.6	-30.4	15.1	9.6
		11.3	26.7	3008	1623	3.8	16.4					
33RD	428.25							151.2	331.0	-25.9	13.0	8.7
		11.7	27.1	3008	1623	3.9	16.7					
34TH	441.25							139.4	303.9	-21.8	11.1	7.9
		12.1	27.6	3008	1623	4.0	17.0					
35TH	454.25							127.3	276.3	-18.1	9.4	7.0
		11.9	27.8	3008	1623	4.0	17.1					
36TH	467.25							115.4	248.5	-14.6	7.8	6.1
		11.6	27.9	3008	1623	3.8	17.2					
37TH	480.25							103.9	220.6	-11.6	6.4	5.2
		11.2	28.0	3008	1623	3.7	17.3					
38TH	493.25							92.6	192.6	-8.9	5.1	4.2
		10.9	28.1	3008	1623	3.6	17.3					
39TH	506.25							81.7	164.4	-6.6	4.0	3.2
		10.6	28.2	3008	1623	3.5	17.4					
40TH	519.25							71.2	136.2	-4.6	3.0	2.2
		9.5	27.8	3008	1623	3.2	17.1					
41ST	532.25							61.6	108.4	-3.0	2.1	1.2
		8.4	27.2	3008	1623	2.8	16.7					
42ND	545.25							53.3	81.3	-1.8	1.4	.3
		15.2	35.6	4002	2171	3.8	16.4					
PENT	563.25							38.0	45.7	-.7	.6	-.4
		38.0	45.7	6390	3472	6.0	13.2					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								789.3	980.3	-315.8	295.1	52.8
GRND	0.00	5.5	29.1	5843	3152	.9	9.2	783.9	951.3	-291.4	275.2	51.7
2ND	25.25	4.4	17.9	3008	1623	1.5	11.0	779.5	933.4	-279.2	265.1	51.0
3RD	38.25	4.5	17.7	3008	1623	1.5	10.9	774.9	915.7	-267.1	254.9	50.3
4TH	51.25	4.6	17.6	3008	1623	1.5	10.9	770.3	898.0	-255.3	244.9	49.6
5TH	64.25	4.7	17.5	3008	1623	1.6	10.8	765.6	880.5	-243.8	234.9	48.8
6TH	77.25	4.7	17.4	3008	1623	1.5	10.7	760.9	863.1	-232.5	225.0	48.1
7TH	90.25	5.4	17.6	3008	1623	1.8	10.9	755.5	845.5	-221.3	215.1	47.5
8TH	103.25	6.2	17.9	3008	1623	2.1	11.0	749.3	827.6	-210.5	205.4	47.1
9TH	116.25	6.9	18.1	3008	1623	2.3	11.2	742.4	809.5	-199.8	195.7	46.9
10TH	129.25	7.7	18.3	3008	1623	2.6	11.3	734.7	791.2	-189.4	186.1	46.8
11TH	142.25	9.0	18.5	3008	1623	3.0	11.4	725.7	772.6	-179.3	176.6	46.7
12TH	155.25	10.1	18.6	3008	1623	3.3	11.5	715.6	754.0	-169.3	167.2	46.3
13TH	168.25	11.1	18.7	3008	1623	3.7	11.5	704.5	735.2	-159.7	158.0	45.6
14TH	181.25	12.2	18.8	3008	1623	4.0	11.6	692.3	716.4	-150.2	148.9	44.7
15TH	194.25	13.2	18.9	3008	1623	4.4	11.7	679.1	697.5	-141.0	140.0	43.6
16TH	207.25	14.6	19.3	3008	1623	4.8	11.9	664.5	678.2	-132.1	131.2	42.3
17TH	220.25	16.3	20.0	3008	1623	5.4	12.3	648.3	658.2	-123.4	122.7	41.0
18TH	233.25	17.9	20.6	3008	1623	6.0	12.7	630.3	637.6	-115.0	114.4	39.6
19TH	246.25	19.6	21.2	3008	1623	6.5	13.1	610.7	616.4	-106.8	106.3	38.2
20TH	259.25	21.2	21.9	3008	1623	7.0	13.5	589.5	594.6	-99.0	98.5	36.8
21ST	272.25	20.8	21.8	3008	1623	6.9	13.5	568.7	572.7	-91.4	91.0	35.3
22ND	285.25	20.3	21.7	3008	1623	6.8	13.3	548.4	551.1	-84.1	83.7	33.9
23RD	298.25	19.8	21.5	3008	1623	6.6	13.2	528.6	529.6	-77.0	76.7	32.4
24TH	311.25	19.3	21.3	3008	1623	6.4	13.1	509.2	508.3	-70.3	70.0	30.9
25TH	324.25	19.3	21.1	3008	1623	6.4	13.0	489.9	487.2	-63.8	63.5	29.4
26TH	337.25	20.9	21.4	3008	1623	6.9	13.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							469.1	465.8	-57.6	57.3	27.8
		22.4	21.7	3008	1623	7.5	13.4					
28TH	363.25							446.7	444.0	-51.7	51.3	26.2
		24.0	22.0	3008	1623	8.0	13.6					
29TH	376.25							422.7	422.0	-46.1	45.7	24.6
		25.5	22.3	3008	1623	8.5	13.8					
30TH	389.25							397.2	399.7	-40.7	40.3	23.0
		26.3	22.8	3008	1623	8.7	14.0					
31ST	402.25							370.9	376.9	-35.7	35.3	21.4
		26.1	23.5	3008	1623	8.7	14.5					
32ND	415.25							344.8	353.4	-31.0	30.7	19.7
		25.9	24.3	3008	1623	8.6	14.9					
33RD	428.25							318.9	329.1	-26.5	26.4	18.1
		25.7	25.0	3008	1623	8.6	15.4					
34TH	441.25							293.1	304.1	-22.4	22.4	16.3
		25.6	25.8	3008	1623	8.5	15.9					
35TH	454.25							267.6	278.4	-18.6	18.8	14.6
		25.4	26.3	3008	1623	8.4	16.2					
36TH	467.25							242.2	252.1	-15.2	15.4	12.8
		25.3	26.7	3008	1623	8.4	16.4					
37TH	480.25							216.9	225.4	-12.1	12.5	11.0
		25.2	27.0	3008	1623	8.4	16.7					
38TH	493.25							191.7	198.4	-9.3	9.8	9.2
		25.1	27.4	3008	1623	8.3	16.9					
39TH	506.25							166.6	170.9	-6.9	7.5	7.4
		24.9	27.8	3008	1623	8.3	17.1					
40TH	519.25							141.6	143.1	-4.9	5.5	5.6
		23.3	28.5	3008	1623	7.7	17.5					
41ST	532.25							118.3	114.7	-3.2	3.8	3.8
		21.5	29.2	3008	1623	7.2	18.0					
42ND	545.25							96.8	85.5	-1.9	2.4	2.0
		32.6	37.8	4002	2171	8.1	17.4					
PENT	563.25							64.2	47.7	-.7	.9	.3
		64.2	47.7	6390	3472	10.0	13.7					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1107.0	716.8	-242.2	399.9	67.1
		16.5	16.5	5843	3152	2.8	5.2					
2ND	25.25							1090.4	700.3	-224.3	372.1	65.6
		10.3	10.9	3008	1623	3.4	6.7					
3RD	38.25							1080.1	689.5	-215.3	358.0	64.7
		10.2	10.7	3008	1623	3.4	6.6					
4TH	51.25							1069.9	678.7	-206.4	344.0	63.8
		10.0	10.6	3008	1623	3.3	6.5					
5TH	64.25							1059.9	668.1	-197.7	330.2	62.8
		9.9	10.4	3008	1623	3.3	6.4					
6TH	77.25							1050.0	657.7	-189.0	316.5	61.8
		9.2	10.3	3008	1623	3.0	6.4					
7TH	90.25							1040.9	647.4	-180.6	302.9	60.9
		9.4	11.0	3008	1623	3.1	6.8					
8TH	103.25							1031.5	636.3	-172.2	289.4	60.2
		9.6	11.7	3008	1623	3.2	7.2					
9TH	116.25							1021.9	624.7	-164.0	276.1	59.8
		9.9	12.4	3008	1623	3.3	7.6					
10TH	129.25							1012.0	612.3	-156.0	262.8	59.6
		10.1	13.0	3008	1623	3.4	8.0					
11TH	142.25							1001.9	599.2	-148.1	249.8	59.6
		12.3	13.6	3008	1623	4.1	8.4					
12TH	155.25							989.6	585.7	-140.4	236.8	59.7
		14.7	13.7	3008	1623	4.9	8.4					
13TH	168.25							974.9	572.0	-132.9	224.0	59.3
		17.1	13.8	3008	1623	5.7	8.5					
14TH	181.25							957.8	558.1	-125.5	211.5	58.6
		19.5	14.0	3008	1623	6.5	8.6					
15TH	194.25							938.3	544.2	-118.4	199.2	57.4
		21.9	14.1	3008	1623	7.3	8.7					
16TH	207.25							916.4	530.1	-111.4	187.1	55.9
		22.8	14.4	3008	1623	7.6	8.9					
17TH	220.25							893.7	515.7	-104.6	175.3	54.2
		23.7	14.8	3008	1623	7.9	9.1					
18TH	233.25							869.9	500.9	-98.0	163.9	52.5
		24.7	15.2	3008	1623	8.2	9.4					
19TH	246.25							845.2	485.7	-91.6	152.7	50.7
		25.7	15.6	3008	1623	8.5	9.6					
20TH	259.25							819.5	470.1	-85.4	141.9	48.9
		26.6	16.0	3008	1623	8.9	9.9					
21ST	272.25							792.9	454.1	-79.3	131.4	47.1
		27.0	15.7	3008	1623	9.0	9.7					
22ND	285.25							765.9	438.4	-73.5	121.3	45.3
		27.3	15.3	3008	1623	9.1	9.4					
23RD	298.25							738.7	423.0	-67.9	111.5	43.4
		27.5	14.9	3008	1623	9.2	9.2					
24TH	311.25							711.1	408.1	-62.5	102.1	41.5
		27.8	14.5	3008	1623	9.3	8.9					
25TH	324.25							683.3	393.7	-57.3	93.0	39.6
		28.3	14.1	3008	1623	9.4	8.7					
26TH	337.25							654.9	379.6	-52.3	84.3	37.6
		29.8	14.6	3008	1623	9.9	9.0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 30 0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							625.2	365.0	-47.5	76.0	35.7
		31.2	15.1	3008	1623	10.4	9.3					
28TH	363.25							594.0	349.9	-42.8	68.1	33.6
		32.6	15.6	3008	1623	10.8	9.6					
29TH	376.25							561.4	334.3	-38.4	60.6	31.6
		34.0	16.1	3008	1623	11.3	9.9					
30TH	389.25							527.4	318.2	-34.1	53.5	29.4
		34.8	16.6	3008	1623	11.6	10.2					
31ST	402.25							492.6	301.6	-30.1	46.9	27.3
		34.8	16.9	3008	1623	11.6	10.4					
32ND	415.25							457.8	284.7	-26.3	40.7	25.1
		34.8	17.3	3008	1623	11.6	10.6					
33RD	428.25							423.0	267.4	-22.7	35.0	22.9
		34.7	17.6	3008	1623	11.6	10.9					
34TH	441.25							388.2	249.8	-19.3	29.7	20.7
		34.7	18.0	3008	1623	11.5	11.1					
35TH	454.25							353.5	231.8	-16.2	24.9	18.5
		34.3	18.7	3008	1623	11.4	11.5					
36TH	467.25							319.2	213.0	-13.3	20.5	16.3
		33.8	19.8	3008	1623	11.2	12.2					
37TH	480.25							285.4	193.3	-10.7	16.6	14.0
		33.3	20.9	3008	1623	11.1	12.8					
38TH	493.25							252.1	172.4	-8.3	13.1	11.8
		32.8	21.9	3008	1623	10.9	13.5					
39TH	506.25							219.3	150.5	-6.2	10.0	9.5
		32.3	23.0	3008	1623	10.7	14.2					
40TH	519.25							187.0	127.5	-4.4	7.4	7.3
		30.3	24.3	3008	1623	10.1	15.0					
41ST	532.25							156.7	103.2	-2.9	5.1	5.1
		28.3	25.6	3008	1623	9.4	15.8					
42ND	545.25							128.4	77.6	-1.7	3.3	3.1
		38.2	34.1	4002	2171	9.6	15.7					
PENT	563.25							90.2	43.5	-.6	1.3	1.0
		90.2	43.5	6390	3472	14.1	12.5					
TOP	592.27							0.0	0.0	0 0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1308.4	676.8	-226.2	482.6	65.4
		18.3	11.3	5843	3152	3.1	3.6					
2ND	25.25							1290.1	665.5	-209.3	449.8	64.2
		9.9	7.6	3008	1623	3.3	4.7					
3RD	38.25							1280.2	657.9	-200.7	433.1	63.5
		9.5	7.8	3008	1623	3.2	4.8					
4TH	51.25							1270.7	650.1	-192.2	416.5	62.6
		9.2	8.1	3008	1623	3.0	5.0					
5TH	64.25							1261.5	642.0	-183.8	400.1	61.8
		8.8	8.3	3008	1623	2.9	5.1					
6TH	77.25							1252.7	633.7	-175.5	383.7	60.8
		8.0	8.5	3008	1623	2.7	5.3					
7TH	90.25							1244.7	625.2	-167.3	367.5	59.8
		7.9	9.5	3008	1623	2.6	5.9					
8TH	103.25							1236.8	615.6	-159.2	351.3	59.1
		7.8	10.6	3008	1623	2.6	6.5					
9TH	116.25							1229.0	605.1	-151.3	335.3	58.6
		7.7	11.6	3008	1623	2.6	7.1					
10TH	129.25							1221.2	593.5	-143.5	319.4	58.3
		7.6	12.6	3008	1623	2.5	7.7					
11TH	142.25							1213.6	581.0	-135.9	303.6	58.2
		9.8	13.5	3008	1623	3.3	8.3					
12TH	155.25							1203.9	567.5	-128.4	287.9	58.0
		13.0	14.0	3008	1623	4.3	8.6					
13TH	168.25							1190.9	553.5	-121.1	272.3	57.5
		16.2	14.6	3008	1623	5.4	9.0					
14TH	181.25							1174.6	538.9	-114.0	256.9	56.5
		19.4	15.1	3008	1623	6.5	9.3					
15TH	194.25							1155.2	523.8	-107.1	241.8	55.1
		22.6	15.7	3008	1623	7.5	9.7					
16TH	207.25							1132.6	508.1	-100.4	226.9	53.3
		25.2	16.0	3008	1623	8.4	9.8					
17TH	220.25							1107.4	492.2	-93.9	212.3	51.4
		27.9	16.1	3008	1623	9.3	9.9					
18TH	233.25							1079.4	476.1	-87.6	198.1	49.5
		30.7	16.2	3008	1623	10.2	10.0					
19TH	246.25							1048.8	459.9	-81.5	184.3	47.6
		33.4	16.3	3008	1623	11.1	10.0					
20TH	259.25							1015.4	443.6	-75.7	170.9	45.8
		36.0	16.4	3008	1623	12.0	10.1					
21ST	272.25							979.4	427.3	-70.0	157.9	43.9
		36.7	16.4	3008	1623	12.2	10.1					
22ND	285.25							942.7	410.9	-64.6	145.4	42.0
		37.4	16.5	3008	1623	12.4	10.2					
23RD	298.25							905.2	394.4	-59.3	133.4	40.1
		38.1	16.6	3008	1623	12.7	10.2					
24TH	311.25							867.1	377.8	-54.3	121.9	38.2
		38.8	16.6	3008	1623	12.9	10.2					
25TH	324.25							828.2	361.2	-49.5	110.9	36.2
		39.4	16.7	3008	1623	13.1	10.3					
26TH	337.25							788.8	344.5	-44.9	100.4	34.1
		39.5	16.5	3008	1623	13.1	10.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								749.3	328.0	-40.5	90.4	32.2
27TH	350.25	39.7	16.3	3008	1623	13.2	10.1					
								709.6	311.7	-36.4	80.9	30.3
28TH	363.25	39.8	16.2	3008	1623	13.2	10.0					
								669.8	295.6	-32.4	71.9	28.4
29TH	376.25	40.0	16.0	3008	1623	13.3	9.9					
								629.8	279.6	-28.7	63.5	26.6
30TH	389.25	40.3	16.0	3008	1623	13.4	9.8					
								589.5	263.6	-25.2	55.5	24.8
31ST	402.25	40.6	16.2	3008	1623	13.5	10.0					
								548.9	247.4	-21.8	48.1	23.0
32ND	415.25	40.9	16.5	3008	1623	13.6	10.1					
								508.0	230.9	-18.7	41.3	21.2
33RD	428.25	41.2	16.7	3008	1623	13.7	10.3					
								466.8	214.2	-15.8	34.9	19.3
34TH	441.25	41.5	17.0	3008	1623	13.8	10.5					
								425.4	197.2	-13.2	29.1	17.4
35TH	454.25	41.5	17.5	3008	1623	13.8	10.8					
								383.9	179.7	-10.7	23.9	15.5
36TH	467.25	41.3	18.3	3008	1623	13.7	11.3					
								342.7	161.3	-8.5	19.1	13.6
37TH	480.25	41.1	19.2	3008	1623	13.6	11.8					
								301.6	142.2	-6.5	15.0	11.6
38TH	493.25	40.9	20.0	3008	1623	13.6	12.3					
								260.8	122.2	-4.8	11.3	9.7
39TH	506.25	40.6	20.8	3008	1623	13.5	12.8					
								220.2	101.5	-3.4	8.2	7.7
40TH	519.25	39.2	21.2	3008	1623	13.0	13.1					
								181.0	80.3	-2.2	5.6	5.7
41ST	532.25	37.7	21.6	3008	1623	12.5	13.3					
								143.3	58.7	-1.3	3.5	3.7
42ND	545.25	50.9	26.9	4002	2171	12.7	12.4					
								92.4	31.8	-.5	1.3	1.6
PENT	563.25	92.4	31.8	6390	3472	14.5	9.2					
								0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							964.6	754.2	-267.8	316.5	49.7
		26.8	9.9	5843	3152	4.6	3.1					
2ND	25.25							937.8	744.3	-248.9	292.5	48.8
		13.0	5.3	3008	1623	4.3	3.3					
3RD	38.25							924.7	738.9	-239.3	280.4	48.2
		12.6	5.4	3008	1623	4.2	3.3					
4TH	51.25							912.1	733.5	-229.7	268.4	47.6
		12.1	5.5	3008	1623	4.0	3.4					
5TH	64.25							900.0	728.0	-220.2	256.6	46.9
		11.7	5.6	3008	1623	3.9	3.5					
6TH	77.25							888.3	722.4	-210.8	245.0	46.3
		10.9	5.8	3008	1623	3.6	3.5					
7TH	90.25							877.4	716.6	-201.4	233.5	45.5
		10.9	6.7	3008	1623	3.6	4.1					
8TH	103.25							866.6	710.0	-192.1	222.2	45.0
		10.9	7.6	3008	1623	3.6	4.7					
9TH	116.25							855.7	702.4	-183.0	211.0	44.6
		10.9	8.5	3008	1623	3.6	5.2					
10TH	129.25							844.8	693.9	-173.9	200.0	44.4
		10.9	9.4	3008	1623	3.6	5.8					
11TH	142.25							833.9	684.4	-164.9	189.0	44.3
		12.8	10.5	3008	1623	4.3	6.4					
12TH	155.25							821.1	674.0	-156.1	178.3	44.2
		15.8	11.8	3008	1623	5.3	7.3					
13TH	168.25							805.3	662.2	-147.4	167.7	43.8
		18.8	13.1	3008	1623	6.2	8.1					
14TH	181.25							786.5	649.1	-138.9	157.4	43.1
		21.7	14.4	3008	1623	7.2	8.9					
15TH	194.25							764.8	634.7	-130.5	147.3	42.2
		24.7	15.7	3008	1623	8.2	9.7					
16TH	207.25							740.1	618.9	-122.4	137.5	40.9
		25.6	16.8	3008	1623	8.5	10.4					
17TH	220.25							714.4	602.1	-114.5	128.1	39.5
		26.2	17.7	3008	1623	8.7	10.9					
18TH	233.25							688.2	584.4	-106.7	118.9	38.2
		26.8	18.6	3008	1623	8.9	11.5					
19TH	246.25							661.5	565.8	-99.3	110.2	36.8
		27.3	19.5	3008	1623	9.1	12.0					
20TH	259.25							634.1	546.3	-92.0	101.7	35.5
		27.8	20.4	3008	1623	9.3	12.6					
21ST	272.25							606.3	525.9	-85.1	93.7	34.2
		27.7	20.5	3008	1623	9.2	12.6					
22ND	285.25							578.7	505.4	-78.4	86.0	32.8
		27.5	20.5	3008	1623	9.2	12.6					
23RD	298.25							551.1	484.9	-71.9	78.6	31.4
		27.4	20.4	3008	1623	9.1	12.6					
24TH	311.25							523.7	464.5	-65.8	71.6	29.9
		27.3	20.4	3008	1623	9.1	12.6					
25TH	324.25							496.4	444.1	-59.9	65.0	28.4
		27.2	20.3	3008	1623	9.0	12.5					
26TH	337.25							469.3	423.8	-54.2	58.7	26.9
		26.7	20.5	3008	1623	8.9	12.7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							442.5	403.2	-48.8	52.8	25.3
		26.3	20.7	3008	1623	8.8	12.8					
28TH	363.25							416.2	382.5	-43.7	47.2	23.8
		25.9	20.9	3008	1623	8.6	12.9					
29TH	376.25							390.2	361.6	-38.9	42.0	22.3
		25.5	21.1	3008	1623	8.5	13.0					
30TH	389.25							364.7	340.5	-34.3	37.1	20.8
		25.1	21.2	3008	1623	8.3	13.1					
31ST	402.25							339.6	319.3	-30.0	32.5	19.3
		24.4	21.2	3008	1623	8.1	13.1					
32ND	415.25							315.2	298.1	-26.0	28.2	17.8
		23.7	21.2	3008	1623	7.9	13.1					
33RD	428.25							291.5	276.9	-22.3	24.3	16.4
		23.0	21.3	3008	1623	7.6	13.1					
34TH	441.25							268.6	255.6	-18.8	20.7	14.9
		22.3	21.3	3008	1623	7.4	13.1					
35TH	454.25							246.3	234.3	-15.6	17.3	13.5
		22.2	21.6	3008	1623	7.4	13.3					
36TH	467.25							224.1	212.7	-12.7	14.3	12.0
		22.4	22.2	3008	1623	7.4	13.7					
37TH	480.25							201.7	190.5	-10.1	11.5	10.5
		22.6	22.8	3008	1623	7.5	14.1					
38TH	493.25							179.1	167.7	-7.8	9.0	9.0
		22.7	23.4	3008	1623	7.6	14.4					
39TH	506.25							156.4	144.3	-5.8	6.8	7.5
		22.9	24.0	3008	1623	7.6	14.8					
40TH	519.25							133.5	120.3	-4.0	5.0	5.9
		23.1	24.6	3008	1623	7.7	15.2					
41ST	532.25							110.4	95.7	-2.6	3.4	4.4
		23.1	25.2	3008	1623	7.7	15.5					
42ND	545.25							87.3	70.5	-1.6	2.1	2.8
		32.2	31.4	4002	2171	8.0	14.5					
PENT	563.25							55.2	39.1	-.6	.8	1.0
		55.2	39.1	6390	3472	8.6	11.3					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1083.1	704.3	-263.9	345.2	48.9
		35.5	10.4	5843	3152	6.1	3.3					
2ND	25.25							1047.6	693.9	-246.3	318.3	48.0
		17.2	4.7	3008	1623	5.7	2.9					
3RD	38.25							1030.4	689.3	-237.3	304.8	47.4
		16.1	3.9	3008	1623	5.4	2.4					
4TH	51.25							1014.3	685.4	-228.3	291.5	46.9
		15.0	3.1	3008	1623	5.0	1.9					
5TH	64.25							999.3	682.3	-219.5	278.4	46.3
		14.0	2.4	3008	1623	4.6	1.5					
6TH	77.25							985.3	679.9	-210.6	265.5	45.7
		12.8	1.6	3008	1623	4.3	1.0					
7TH	90.25							972.5	678.3	-201.8	252.8	45.2
		13.4	2.4	3008	1623	4.4	1.5					
8TH	103.25							959.1	675.9	-193.0	240.2	44.7
		13.9	3.2	3008	1623	4.6	2.0					
9TH	116.25							945.2	672.7	-184.2	227.8	44.3
		14.4	4.0	3008	1623	4.8	2.4					
10TH	129.25							930.7	668.7	-175.5	215.6	44.1
		15.0	4.7	3008	1623	5.0	2.9					
11TH	142.25							915.8	664.0	-166.8	203.6	43.9
		17.0	5.8	3008	1623	5.7	3.6					
12TH	155.25							898.7	658.1	-158.2	191.8	43.8
		20.0	7.6	3008	1623	6.7	4.7					
13TH	168.25							878.7	650.5	-149.7	180.3	43.4
		23.0	9.4	3008	1623	7.7	5.8					
14TH	181.25							855.6	641.2	-141.3	169.0	42.7
		26.0	11.2	3008	1623	8.7	6.9					
15TH	194.25							829.6	630.0	-133.1	158.1	41.8
		29.0	13.0	3008	1623	9.6	8.0					
16TH	207.25							800.6	617.0	-125.0	147.5	40.7
		29.9	14.3	3008	1623	10.0	8.8					
17TH	220.25							770.6	602.7	-117.0	137.2	39.4
		30.3	15.3	3008	1623	10.1	9.4					
18TH	233.25							740.4	587.5	-109.3	127.4	38.2
		30.6	16.2	3008	1623	10.2	10.0					
19TH	246.25							709.7	571.2	-101.8	118.0	37.0
		31.0	17.2	3008	1623	10.3	10.6					
20TH	259.25							678.8	554.0	-94.5	109.0	35.7
		31.2	18.2	3008	1623	10.4	11.2					
21ST	272.25							647.5	535.9	-87.4	100.3	34.5
		30.6	18.7	3008	1623	10.2	11.5					
22ND	285.25							617.0	517.1	-80.5	92.1	33.2
		29.9	19.2	3008	1623	9.9	11.8					
23RD	298.25							587.1	498.0	-73.9	84.3	31.9
		29.2	19.6	3008	1623	9.7	12.1					
24TH	311.25							557.9	478.4	-67.6	76.9	30.5
		28.5	20.1	3008	1623	9.5	12.4					
25TH	324.25							529.3	458.3	-61.5	69.8	29.1
		27.9	20.5	3008	1623	9.3	12.6					
26TH	337.25							501.4	437.8	-55.7	63.1	27.7
		27.6	20.8	3008	1623	9.2	12.8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								473.8	417.0	-50.1	56.8	26.2
27TH	350.25	27.3	21.1	3008	1623	9.1	13.0					
								446.6	395.8	-44.8	50.8	24.8
28TH	363.25	27.0	21.5	3008	1623	9.0	13.2					
								419.6	374.4	-39.8	45.1	23.4
29TH	376.25	26.7	21.8	3008	1623	8.9	13.4					
								392.9	352.6	-35.1	39.9	22.0
30TH	389.25	26.4	22.1	3008	1623	8.8	13.6					
								366.5	330.5	-30.7	34.9	20.6
31ST	402.25	25.9	22.3	3008	1623	8.6	13.8					
								340.6	308.1	-26.5	30.3	19.2
32ND	415.25	25.3	22.6	3008	1623	8.4	13.9					
								315.3	285.6	-22.6	26.1	17.7
33RD	428.25	24.7	22.8	3008	1623	8.2	14.1					
								290.5	262.7	-19.1	22.1	16.2
34TH	441.25	24.2	23.1	3008	1623	8.0	14.2					
								266.4	239.7	-15.8	18.5	14.7
35TH	454.25	24.2	23.3	3008	1623	8.0	14.4					
								242.2	216.3	-12.9	15.2	13.1
36TH	467.25	24.4	23.6	3008	1623	8.1	14.5					
								217.7	192.8	-10.2	12.2	11.5
37TH	480.25	24.7	23.8	3008	1623	8.2	14.7					
								193.1	169.0	-7.8	9.5	9.9
38TH	493.25	24.9	24.1	3008	1623	8.3	14.8					
								168.2	144.9	-5.8	7.2	8.2
39TH	506.25	25.2	24.3	3008	1623	8.4	15.0					
								143.0	120.6	-4.1	5.2	6.6
40TH	519.25	25.7	24.6	3008	1623	8.5	15.2					
								117.3	95.9	-2.7	3.5	5.0
41ST	532.25	26.0	25.0	3008	1623	8.6	15.4					
								91.4	70.9	-1.6	2.1	3.4
42ND	545.25	36.0	30.8	4002	2171	9.0	14.2					
								55.4	40.1	-.6	.8	1.6
PENT	563.25	55.4	40.1	6390	3472	8.7	11.6					
								0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1328.5	724.6	-297.0	418.4	42.1
		42.2	6.9	5843	3152	7.2	2.2					
2ND	25.25							1286.4	717.7	-278.8	385.4	41.2
		20.7	.9	3008	1623	6.9	.6					
3RD	38.25							1265.7	716.8	-269.5	368.8	40.7
		20.8	.2	3008	1623	6.9	.1					
4TH	51.25							1244.9	716.6	-260.2	352.5	40.3
		20.8	-.6	3008	1623	6.9	-.4					
5TH	64.25							1224.1	717.2	-250.8	336.5	39.8
		20.9	-1.3	3008	1623	7.0	-.8					
6TH	77.25							1203.1	718.5	-241.5	320.7	39.4
		20.7	-2.0	3008	1623	6.9	-1.2					
7TH	90.25							1182.4	720.5	-232.2	305.2	39.0
		21.4	-1.3	3008	1623	7.1	-.8					
8TH	103.25							1161.0	721.8	-222.8	290.0	38.7
		22.1	-.6	3008	1623	7.4	-.4					
9TH	116.25							1138.8	722.4	-213.4	275.0	38.4
		22.8	.1	3008	1623	7.6	.0					
10TH	129.25							1116.0	722.4	-204.0	260.3	38.1
		23.5	.8	3008	1623	7.8	.5					
11TH	142.25							1092.5	721.6	-194.6	246.0	37.9
		25.3	1.8	3008	1623	8.4	1.1					
12TH	155.25							1067.1	719.8	-185.2	232.0	37.6
		27.6	3.6	3008	1623	9.2	2.2					
13TH	168.25							1039.5	716.2	-175.9	218.3	37.3
		29.9	5.5	3008	1623	9.9	3.4					
14TH	181.25							1009.6	710.7	-166.6	204.9	36.7
		32.2	7.4	3008	1623	10.7	4.5					
15TH	194.25							977.4	703.3	-157.4	192.0	36.1
		34.5	9.2	3008	1623	11.5	5.7					
16TH	207.25							942.9	694.1	-148.4	179.5	35.3
		34.6	10.8	3008	1623	11.5	6.6					
17TH	220.25							908.3	683.3	-139.4	167.5	34.5
		34.1	12.1	3008	1623	11.3	7.4					
18TH	233.25							874.3	671.2	-130.6	155.9	33.6
		33.5	13.3	3008	1623	11.2	8.2					
19TH	246.25							840.7	657.9	-122.0	144.8	32.8
		33.0	14.6	3008	1623	11.0	9.0					
20TH	259.25							807.7	643.3	-113.5	134.1	31.9
		32.5	15.9	3008	1623	10.8	9.8					
21ST	272.25							775.1	627.4	-105.2	123.8	31.0
		32.1	16.9	3008	1623	10.7	10.4					
22ND	285.25							743.1	610.4	-97.2	113.9	30.1
		31.7	17.9	3008	1623	10.5	11.1					
23RD	298.25							711.3	592.5	-89.4	104.5	29.1
		31.4	18.9	3008	1623	10.4	11.7					
24TH	311.25							680.0	573.6	-81.8	95.4	28.1
		31.0	19.9	3008	1623	10.3	12.3					
25TH	324.25							649.0	553.7	-74.5	86.8	26.9
		30.9	20.9	3008	1623	10.3	12.9					
26TH	337.25							618.1	532.8	-67.4	78.5	25.7
		31.0	22.5	3008	1623	10.3	13.9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							587.1	510.2	-60.6	70.7	24.5
		31.2	24.1	3008	1623	10.4	14.9					
28TH	363.25							555.9	486.1	-54.2	63.3	23.4
		31.4	25.7	3008	1623	10.4	15.9					
29TH	376.25							524.5	460.3	-48.0	56.3	22.2
		31.6	27.4	3008	1623	10.5	16.9					
30TH	389.25							492.9	433.0	-42.2	49.6	21.0
		31.6	28.6	3008	1623	10.5	17.6					
31ST	402.25							461.2	404.4	-36.8	43.4	19.8
		31.6	28.9	3008	1623	10.5	17.8					
32ND	415.25							429.7	375.6	-31.7	37.6	18.5
		31.5	29.2	3008	1623	10.5	18.0					
33RD	428.25							398.2	346.4	-27.0	32.3	17.1
		31.4	29.5	3008	1623	10.4	18.2					
34TH	441.25							366.8	316.9	-22.7	27.3	15.7
		31.4	29.8	3008	1623	10.4	18.4					
35TH	454.25							335.4	287.1	-18.8	22.7	14.2
		31.6	29.7	3008	1623	10.5	18.3					
36TH	467.25							303.8	257.4	-15.2	18.6	12.7
		31.9	29.1	3008	1623	10.6	18.0					
37TH	480.25							271.9	228.3	-12.1	14.8	11.2
		32.2	28.6	3008	1623	10.7	17.6					
38TH	493.25							239.8	199.7	-9.3	11.5	9.7
		32.4	28.1	3008	1623	10.8	17.3					
39TH	506.25							207.3	171.5	-6.9	8.6	8.2
		32.7	27.6	3008	1623	10.9	17.0					
40TH	519.25							174.6	143.9	-4.8	6.1	6.8
		33.2	29.2	3008	1623	11.0	18.0					
41ST	532.25							141.3	114.7	-3.1	4.1	5.3
		33.7	31.3	3008	1623	11.2	19.3					
42ND	545.25							107.7	83.5	-1.8	2.4	3.8
		44.9	37.0	4002	2171	11.2	17.0					
PENT	563.25							62.8	46.5	-.7	.9	2.1
		62.8	46.5	6390	3472	9.8	13.4					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							1596.5	610.4	-239.5	506.1	33.8
		48.4	6.6	5843	3152	8.3	2.1					
2ND	25.25							1548.0	603.9	-224.2	466.4	33.0
		25.0	1.4	3008	1623	8.3	.9					
3RD	38.25							1523.0	602.4	-216.4	446.4	32.6
		25.8	1.4	3008	1623	8.6	.9					
4TH	51.25							1497.2	601.0	-208.5	426.8	32.2
		26.7	1.5	3008	1623	8.9	.9					
5TH	64.25							1470.5	599.6	-200.7	407.5	31.7
		27.5	1.5	3008	1623	9.2	.9					
6TH	77.25							1443.0	598.1	-192.9	388.6	31.3
		28.2	1.5	3008	1623	9.4	.9					
7TH	90.25							1414.8	596.6	-185.2	370.0	30.9
		29.0	2.3	3008	1623	9.7	1.4					
8TH	103.25							1385.7	594.3	-177.4	351.8	30.5
		29.9	3.0	3008	1623	9.9	1.9					
9TH	116.25							1355.9	591.3	-169.7	334.0	30.1
		30.7	3.8	3008	1623	10.2	2.3					
10TH	129.25							1325.2	587.5	-162.1	316.6	29.8
		31.5	4.6	3008	1623	10.5	2.8					
11TH	142.25							1293.7	582.9	-154.5	299.5	29.4
		32.0	5.5	3008	1623	10.6	3.4					
12TH	155.25							1261.7	577.4	-146.9	282.9	29.1
		32.1	6.7	3008	1623	10.7	4.2					
13TH	168.25							1229.6	570.7	-139.5	266.7	28.6
		32.3	8.0	3008	1623	10.7	4.9					
14TH	181.25							1197.3	562.7	-132.1	251.0	28.1
		32.4	9.2	3008	1623	10.8	5.7					
15TH	194.25							1165.0	553.5	-124.8	235.6	27.6
		32.5	10.5	3008	1623	10.8	6.5					
16TH	207.25							1132.5	543.0	-117.7	220.7	26.9
		33.2	11.3	3008	1623	11.0	6.9					
17TH	220.25							1099.3	531.7	-110.7	206.2	26.2
		34.1	11.6	3008	1623	11.3	7.1					
18TH	233.25							1065.2	520.1	-103.9	192.1	25.5
		34.9	11.9	3008	1623	11.6	7.4					
19TH	246.25							1030.3	508.2	-97.2	178.5	24.8
		35.8	12.3	3008	1623	11.9	7.6					
20TH	259.25							994.5	495.9	-90.7	165.3	24.1
		36.7	12.6	3008	1623	12.2	7.8					
21ST	272.25							957.8	483.2	-84.3	152.6	23.3
		37.1	13.2	3008	1623	12.3	8.2					
22ND	285.25							920.7	470.0	-78.1	140.4	22.6
		37.4	13.9	3008	1623	12.4	8.6					
23RD	298.25							883.3	456.1	-72.1	128.7	21.8
		37.8	14.5	3008	1623	12.6	9.0					
24TH	311.25							845.5	441.6	-66.3	117.5	21.0
		38.1	15.2	3008	1623	12.7	9.4					
25TH	324.25							807.4	426.4	-60.6	106.7	20.2
		38.4	15.8	3008	1623	12.8	9.8					
26TH	337.25							769.0	410.5	-55.2	96.5	19.3
		38.4	16.4	3008	1623	12.8	10.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							730.5	394.2	-49.9	86.7	18.5
		38.4	16.9	3008	1623	12.8	10.4					
28TH	363.25							692.1	377.3	-44.9	77.5	17.7
		38.5	17.4	3008	1623	12.8	10.7					
29TH	376.25							653.6	359.9	-40.1	68.7	16.9
		38.5	17.9	3008	1623	12.8	11.0					
30TH	389.25							615.1	342.0	-35.6	60.5	16.0
		38.7	18.5	3008	1623	12.9	11.4					
31ST	402.25							576.4	323.5	-31.3	52.7	15.2
		39.2	19.1	3008	1623	13.0	11.8					
32ND	415.25							537.2	304.4	-27.2	45.5	14.3
		39.7	19.8	3008	1623	13.2	12.2					
33RD	428.25							497.5	284.6	-23.3	38.8	13.4
		40.2	20.4	3008	1623	13.4	12.6					
34TH	441.25							457.4	264.1	-19.8	32.6	12.4
		40.7	21.1	3008	1623	13.5	13.0					
35TH	454.25							416.7	243.0	-16.5	26.9	11.4
		41.4	21.7	3008	1623	13.8	13.4					
36TH	467.25							375.3	221.3	-13.5	21.7	10.4
		42.1	22.3	3008	1623	14.0	13.8					
37TH	480.25							333.2	199.0	-10.7	17.1	9.3
		42.9	22.9	3008	1623	14.3	14.1					
38TH	493.25							290.3	176.1	-8.3	13.1	8.2
		43.6	23.5	3008	1623	14.5	14.5					
39TH	506.25							246.7	152.5	-6.2	9.6	7.1
		44.3	24.1	3008	1623	14.7	14.9					
40TH	519.25							202.4	128.4	-4.3	6.7	6.0
		44.1	25.5	3008	1623	14.7	15.7					
41ST	532.25							158.2	102.9	-2.8	4.3	4.9
		43.9	27.1	3008	1623	14.6	16.7					
42ND	545.25							114.3	75.8	-1.7	2.5	3.8
		49.8	34.2	4002	2171	12.4	15.7					
PENT	563.25							64.5	41.7	-.6	.9	2.4
		64.5	41.7	6390	3472	10.1	12.0					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							1815.9	402.2	-154.5	572.7	21.7
		65.5	8.8	5843	3152	11.2	2.8					
2ND	25.25							1750.3	393.4	-144.5	527.7	21.1
		31.0	1.9	3008	1623	10.3	1.2					
3RD	38.25							1719.3	391.5	-139.4	505.1	20.8
		31.4	2.3	3008	1623	10.4	1.4					
4TH	51.25							1687.9	389.3	-134.3	483.0	20.5
		31.9	2.7	3008	1623	10.6	1.7					
5TH	64.25							1656.0	386.5	-129.3	461.2	20.2
		32.3	3.1	3008	1623	10.7	1.9					
6TH	77.25							1623.7	383.4	-124.3	439.9	19.9
		32.8	3.5	3008	1623	10.9	2.2					
7TH	90.25							1591.0	379.9	-119.3	419.0	19.6
		33.4	3.7	3008	1623	11.1	2.3					
8TH	103.25							1557.6	376.2	-114.4	398.5	19.3
		34.0	3.9	3008	1623	11.3	2.4					
9TH	116.25							1523.6	372.3	-109.5	378.5	19.0
		34.7	4.1	3008	1623	11.5	2.5					
10TH	129.25							1488.9	368.2	-104.7	358.9	18.7
		35.3	4.3	3008	1623	11.7	2.6					
11TH	142.25							1453.6	363.9	-99.9	339.8	18.4
		35.5	4.5	3008	1623	11.8	2.8					
12TH	155.25							1418.1	359.4	-95.2	321.1	18.2
		35.4	4.8	3008	1623	11.8	2.9					
13TH	168.25							1382.8	354.7	-90.6	302.9	17.9
		35.2	5.0	3008	1623	11.7	3.1					
14TH	181.25							1347.5	349.7	-86.0	285.2	17.5
		35.1	5.3	3008	1623	11.7	3.3					
15TH	194.25							1312.4	344.4	-81.5	267.9	17.1
		35.0	5.6	3008	1623	11.6	3.4					
16TH	207.25							1277.4	338.8	-77.1	251.1	16.7
		35.9	5.8	3008	1623	11.9	3.6					
17TH	220.25							1241.6	333.0	-72.7	234.7	16.3
		37.0	6.1	3008	1623	12.3	3.7					
18TH	233.25							1204.5	326.9	-68.4	218.8	15.9
		38.2	6.3	3008	1623	12.7	3.9					
19TH	246.25							1166.3	320.6	-64.2	203.4	15.6
		39.4	6.6	3008	1623	13.1	4.0					
20TH	259.25							1126.9	314.1	-60.1	188.5	15.2
		40.5	6.8	3008	1623	13.5	4.2					
21ST	272.25							1086.4	307.2	-56.0	174.1	14.8
		40.7	7.1	3008	1623	13.5	4.4					
22ND	285.25							1045.7	300.1	-52.1	160.2	14.4
		40.8	7.5	3008	1623	13.6	4.6					
23RD	298.25							1004.9	292.6	-48.2	146.9	14.0
		41.0	7.9	3008	1623	13.6	4.9					
24TH	311.25							963.9	284.7	-44.5	134.1	13.6
		41.1	8.2	3008	1623	13.7	5.1					
25TH	324.25							922.8	276.5	-40.8	121.8	13.1
		41.3	8.6	3008	1623	13.7	5.3					
26TH	337.25							881.5	267.9	-37.3	110.1	12.6
		42.2	9.1	3008	1623	14.0	5.6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								839.2	258.8	-33.9	98.9	12.1
27TH	350.25	43.2	9.6	3008	1623	14.4	5.9					
								796.1	249.2	-30.6	88.3	11.7
28TH	363.25	44.1	10.1	3008	1623	14.7	6.2					
								752.0	239.1	-27.4	78.2	11.2
29TH	376.25	45.0	10.6	3008	1623	15.0	6.5					
								706.9	228.5	-24.4	68.7	10.7
30TH	389.25	45.8	11.1	3008	1623	15.2	6.8					
								661.1	217.4	-21.5	59.9	10.2
31ST	402.25	46.4	11.7	3008	1623	15.4	7.2					
								614.7	205.7	-18.7	51.6	9.6
32ND	415.25	47.1	12.3	3008	1623	15.6	7.6					
								567.7	193.4	-16.1	43.9	9.0
33RD	428.25	47.7	12.9	3008	1623	15.8	8.0					
								520.0	180.5	-13.7	36.8	8.4
34TH	441.25	48.3	13.5	3008	1623	16.1	8.3					
								471.7	166.9	-11.4	30.4	7.7
35TH	454.25	48.5	14.2	3008	1623	16.1	8.7					
								423.2	152.8	-9.3	24.5	7.1
36TH	467.25	48.5	14.8	3008	1623	16.1	9.1					
								374.7	137.9	-7.5	19.4	6.4
37TH	480.25	48.5	15.5	3008	1623	16.1	9.5					
								326.2	122.5	-5.8	14.8	5.6
38TH	493.25	48.6	16.2	3008	1623	16.2	10.0					
								277.6	106.3	-4.3	10.9	4.9
39TH	506.25	48.7	16.8	3008	1623	16.2	10.4					
								228.9	89.5	-3.0	7.6	4.2
40TH	519.25	48.6	17.8	3008	1623	16.2	11.0					
								180.3	71.7	-2.0	4.9	3.5
41ST	532.25	48.5	18.8	3008	1623	16.1	11.6					
								131.8	52.9	-1.1	2.9	2.9
42ND	545.25	59.0	24.4	4002	2171	14.8	11.2					
								72.8	28.5	-.4	1.1	1.9
PENT	563.25	72.8	28.5	6390	3472	11.4	8.2					
								0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							2189.0	305.2	-105.9	676.1	17.4
		88.3	9.7	5843	3152	15.1	3.1					
2ND	25.25							2100.7	295.5	-98.3	621.9	16.8
		41.4	2.4	3008	1623	13.8	1.5					
3RD	38.25							2059.3	293.1	-94.4	594.9	16.6
		40.7	2.7	3008	1623	13.5	1.7					
4TH	51.25							2018.6	290.4	-90.6	568.4	16.4
		40.0	3.0	3008	1623	13.3	1.8					
5TH	64.25							1978.6	287.4	-86.9	542.4	16.2
		39.3	3.2	3008	1623	13.1	2.0					
6TH	77.25							1939.3	284.2	-83.2	516.9	16.0
		39.1	3.5	3008	1623	13.0	2.2					
7TH	90.25							1900.2	280.7	-79.5	492.0	15.7
		40.1	4.0	3008	1623	13.3	2.4					
8TH	103.25							1860.1	276.7	-75.9	467.5	15.4
		41.0	4.4	3008	1623	13.6	2.7					
9TH	116.25							1819.1	272.3	-72.3	443.6	15.1
		42.0	4.8	3008	1623	14.0	3.0					
10TH	129.25							1777.1	267.5	-68.8	420.2	14.9
		43.0	5.3	3008	1623	14.3	3.2					
11TH	142.25							1734.1	262.2	-65.4	397.4	14.6
		43.4	5.6	3008	1623	14.4	3.4					
12TH	155.25							1690.7	256.6	-62.0	375.1	14.3
		43.6	5.6	3008	1623	14.5	3.4					
13TH	168.25							1647.2	251.1	-58.7	353.5	13.9
		43.7	5.5	3008	1623	14.5	3.4					
14TH	181.25							1603.5	245.5	-55.5	332.3	13.6
		43.8	5.5	3008	1623	14.6	3.4					
15TH	194.25							1559.6	240.0	-52.3	311.8	13.2
		44.0	5.5	3008	1623	14.6	3.4					
16TH	207.25							1515.7	234.5	-49.2	291.8	12.9
		44.9	5.6	3008	1623	14.9	3.5					
17TH	220.25							1470.8	228.9	-46.2	272.4	12.5
		46.1	5.9	3008	1623	15.3	3.6					
18TH	233.25							1424.7	223.0	-43.3	253.5	12.1
		47.3	6.1	3008	1623	15.7	3.8					
19TH	246.25							1377.3	216.9	-40.4	235.3	11.8
		48.6	6.4	3008	1623	16.1	3.9					
20TH	259.25							1328.7	210.5	-37.6	217.7	11.4
		49.8	6.6	3008	1623	16.5	4.1					
21ST	272.25							1279.0	203.9	-34.9	200.8	11.0
		50.3	6.7	3008	1623	16.7	4.1					
22ND	285.25							1228.7	197.2	-32.3	184.5	10.6
		50.7	6.7	3008	1623	16.8	4.2					
23RD	298.25							1178.0	190.5	-29.8	168.8	10.2
		51.1	6.8	3008	1623	17.0	4.2					
24TH	311.25							1127.0	183.7	-27.4	153.9	9.9
		51.5	6.8	3008	1623	17.1	4.2					
25TH	324.25							1075.5	176.9	-25.0	139.5	9.5
		51.8	6.8	3008	1623	17.2	4.2					
26TH	337.25							1023.7	170.1	-22.8	125.9	9.1
		52.3	7.1	3008	1623	17.4	4.4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							971.4	163.0	-20.6	112.9	8.7
		52.8	7.3	3008	1623	17.6	4.5					
28TH	363.25							918.6	155.7	-18.5	100.7	8.4
		53.3	7.6	3008	1623	17.7	4.7					
29TH	376.25							865.3	148.1	-16.6	89.1	8.0
		53.8	7.8	3008	1623	17.9	4.8					
30TH	389.25							811.5	140.3	-14.7	78.2	7.6
		54.1	8.0	3008	1623	18.0	4.9					
31ST	402.25							757.4	132.3	-12.9	68.0	7.3
		54.4	8.0	3008	1623	18.1	5.0					
32ND	415.25							703.0	124.2	-11.3	58.5	6.9
		54.7	8.1	3008	1623	18.2	5.0					
33RD	428.25							648.3	116.1	-9.7	49.7	6.5
		55.0	8.1	3008	1623	18.3	5.0					
34TH	441.25							593.4	108.0	-8.2	41.6	6.1
		55.2	8.2	3008	1623	18.4	5.0					
35TH	454.25							538.1	99.9	-6.9	34.3	5.6
		55.7	8.3	3008	1623	18.5	5.1					
36TH	467.25							482.4	91.5	-5.6	27.6	5.2
		56.0	8.6	3008	1623	18.6	5.3					
37TH	480.25							426.4	82.9	-4.5	21.7	4.7
		56.4	8.9	3008	1623	18.7	5.5					
38TH	493.25							370.1	74.0	-3.5	16.5	4.3
		56.7	9.1	3008	1623	18.8	5.6					
39TH	506.25							313.4	64.9	-2.6	12.1	3.8
		56.9	9.4	3008	1623	18.9	5.8					
40TH	519.25							256.4	55.5	-1.8	8.4	3.4
		56.1	10.9	3008	1623	18.6	6.7					
41ST	532.25							200.4	44.5	-1.2	5.4	3.0
		55.2	12.7	3008	1623	18.4	7.8					
42ND	545.25							145.2	31.8	-.7	3.2	2.6
		65.5	16.0	4002	2171	16.4	7.4					
PENT	563.25							79.6	15.8	-.2	1.2	1.9
		79.6	15.8	6390	3472	12.5	4.5					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							2190.2	-3.0	-3.3	685.0	5.2
		86.1	2.8	5843	3152	14.7	.9					
2ND	25.25							2104.1	-5.8	-3.4	630.8	5.0
		41.2	-1.3	3008	1623	13.7	-.8					
3RD	38.25							2062.9	-4.5	-3.5	603.7	5.0
		40.2	-1.4	3008	1623	13.4	-.9					
4TH	51.25							2022.7	-3.1	-3.5	577.1	5.0
		39.3	-1.6	3008	1623	13.1	-1.0					
5TH	64.25							1983.4	-1.6	-3.5	551.1	5.0
		38.3	-1.7	3008	1623	12.7	-1.1					
6TH	77.25							1945.1	.2	-3.5	525.6	4.9
		37.8	-1.9	3008	1623	12.6	-1.1					
7TH	90.25							1907.3	2.0	-3.5	500.5	4.9
		38.8	-1.7	3008	1623	12.9	-1.0					
8TH	103.25							1868.5	3.7	-3.5	476.0	4.8
		39.8	-1.5	3008	1623	13.2	-.9					
9TH	116.25							1828.7	5.2	-3.4	451.9	4.7
		40.7	-1.3	3008	1623	13.5	-.8					
10TH	129.25							1788.0	6.6	-3.4	428.4	4.7
		41.7	-1.2	3008	1623	13.9	-.7					
11TH	142.25							1746.2	7.7	-3.3	405.5	4.6
		42.4	-1.0	3008	1623	14.1	-.6					
12TH	155.25							1703.9	8.7	-3.2	383.0	4.5
		42.8	-.6	3008	1623	14.2	-.4					
13TH	168.25							1661.0	9.3	-3.0	361.2	4.4
		43.3	-.3	3008	1623	14.4	-.2					
14TH	181.25							1617.7	9.6	-2.9	339.9	4.3
		43.7	.1	3008	1623	14.5	.1					
15TH	194.25							1574.0	9.5	-2.8	319.1	4.2
		44.2	.4	3008	1623	14.7	.3					
16TH	207.25							1529.8	9.0	-2.7	298.9	4.1
		44.8	.6	3008	1623	14.9	.3					
17TH	220.25							1484.9	8.5	-2.6	279.3	4.0
		45.5	.5	3008	1623	15.1	.3					
18TH	233.25							1439.4	8.0	-2.5	260.3	3.9
		46.2	.4	3008	1623	15.4	.2					
19TH	246.25							1393.1	7.6	-2.4	241.9	3.8
		46.9	.3	3008	1623	15.6	.2					
20TH	259.25							1346.2	7.4	-2.3	224.1	3.7
		47.6	.2	3008	1623	15.8	.1					
21ST	272.25							1298.6	7.2	-2.2	206.9	3.6
		48.2	.1	3008	1623	16.0	.0					
22ND	285.25							1250.4	7.1	-2.1	190.4	3.5
		48.8	-.0	3008	1623	16.2	-.0					
23RD	298.25							1201.6	7.2	-2.0	174.4	3.5
		49.3	-.1	3008	1623	16.4	-.1					
24TH	311.25							1152.2	7.3	-1.9	159.1	3.4
		49.9	-.2	3008	1623	16.6	-.1					
25TH	324.25							1102.3	7.5	-1.8	144.5	3.3
		50.6	-.3	3008	1623	16.8	-.2					
26TH	337.25							1051.7	7.8	-1.7	130.5	3.3
		51.6	-.2	3008	1623	17.2	-.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								1000.1	7.9	-1.6	117.1	3.2
27TH	350.25	52.7	-.1	3008	1623	17.5	-.1	947.5	8.0	-1.5	104.5	3.2
28TH	363.25	53.7	.0	3008	1623	17.8	.0	893.8	8.0	-1.4	92.5	3.1
29TH	376.25	54.7	.1	3008	1623	18.2	.1	839.1	7.9	-1.3	81.2	3.1
30TH	389.25	55.4	.1	3008	1623	18.4	.1	783.7	7.8	-1.2	70.7	3.0
31ST	402.25	55.7	.0	3008	1623	18.5	.0	728.0	7.7	-1.1	60.9	3.0
32ND	415.25	56.0	-.1	3008	1623	18.6	-.1	671.9	7.8	-1.0	51.8	2.9
33RD	428.25	56.4	-.2	3008	1623	18.7	-.1	615.6	8.0	-.9	43.4	2.7
34TH	441.25	56.7	-.3	3008	1623	18.8	-.2	558.9	8.3	-.8	35.8	2.6
35TH	454.25	57.2	-.3	3008	1623	19.0	-.2	501.7	8.6	-.6	28.9	2.4
36TH	467.25	57.6	-.2	3008	1623	19.2	-.1	444.1	8.8	-.5	22.7	2.3
37TH	480.25	58.0	-.0	3008	1623	19.3	-.0	386.0	8.8	-.4	17.3	2.1
38TH	493.25	58.5	.1	3008	1623	19.4	.1	327.6	8.8	-.3	12.7	2.0
39TH	506.25	58.8	.2	3008	1623	19.6	.1	268.7	8.5	-.2	8.8	1.9
40TH	519.25	58.5	1.7	3008	1623	19.5	1.1	210.2	6.8	-.1	5.7	1.8
41ST	532.25	58.2	3.5	3008	1623	19.3	2.2	152.0	3.3	-.0	3.3	1.8
42ND	545.25	68.3	3.3	4002	2171	17.1	1.5	83.8	-.0	.0	1.2	1.4
PENT	563.25	83.8	-.0	6390	3472	13.1	-.0	0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30.
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							2169.8	-294.6	93.7	670.8	-6.9
		85.9	-6.7	5843	3152	14.7	-2.1					
2ND	25.25							2083.9	-287.9	86.4	617.1	-6.8
		40.4	-5.8	3008	1623	13.4	-3.6					
3RD	38.25							2043.5	-282.0	82.7	590.3	-6.7
		40.0	-5.8	3008	1623	13.3	-3.6					
4TH	51.25							2003.5	-276.3	79.0	564.0	-6.5
		39.6	-5.7	3008	1623	13.2	-3.5					
5TH	64.25							1963.9	-270.6	75.5	538.2	-6.3
		39.2	-5.6	3008	1623	13.0	-3.5					
6TH	77.25							1924.7	-264.9	72.0	512.9	-6.2
		39.1	-5.6	3008	1623	13.0	-3.4					
7TH	90.25							1885.6	-259.4	68.6	488.2	-6.0
		40.0	-5.4	3008	1623	13.3	-3.3					
8TH	103.25							1845.6	-254.0	65.3	463.9	-5.9
		40.8	-5.3	3008	1623	13.6	-3.3					
9TH	116.25							1804.8	-248.7	62.0	440.2	-5.8
		41.7	-5.2	3008	1623	13.9	-3.2					
10TH	129.25							1763.1	-243.5	58.8	417.0	-5.7
		42.5	-5.0	3008	1623	14.1	-3.1					
11TH	142.25							1720.6	-238.5	55.7	394.4	-5.6
		43.1	-5.0	3008	1623	14.3	-3.1					
12TH	155.25							1677.4	-233.5	52.6	372.3	-5.6
		43.7	-5.3	3008	1623	14.5	-3.2					
13TH	168.25							1633.8	-228.3	49.6	350.7	-5.5
		44.3	-5.5	3008	1623	14.7	-3.4					
14TH	181.25							1589.5	-222.7	46.7	329.8	-5.4
		44.8	-5.8	3008	1623	14.9	-3.6					
15TH	194.25							1544.7	-217.0	43.8	309.4	-5.3
		45.4	-6.0	3008	1623	15.1	-3.7					
16TH	207.25							1499.3	-210.9	41.0	289.6	-5.2
		46.0	-6.1	3008	1623	15.3	-3.8					
17TH	220.25							1453.3	-204.8	38.3	270.4	-5.1
		46.6	-6.1	3008	1623	15.5	-3.8					
18TH	233.25							1406.7	-198.7	35.7	251.9	-4.9
		47.1	-6.0	3008	1623	15.7	-3.7					
19TH	246.25							1359.6	-192.6	33.1	233.9	-4.7
		47.7	-6.0	3008	1623	15.8	-3.7					
20TH	259.25							1311.9	-186.6	30.7	216.5	-4.5
		48.2	-6.0	3008	1623	16.0	-3.7					
21ST	272.25							1263.7	-180.7	28.3	199.8	-4.3
		48.5	-6.3	3008	1623	16.1	-3.9					
22ND	285.25							1215.2	-174.4	26.0	183.7	-4.0
		48.8	-6.8	3008	1623	16.2	-4.2					
23RD	298.25							1166.3	-167.6	23.8	168.2	-3.8
		49.2	-7.3	3008	1623	16.4	-4.5					
24TH	311.25							1117.2	-160.3	21.6	153.3	-3.5
		49.5	-7.7	3008	1623	16.5	-4.8					
25TH	324.25							1067.6	-152.6	19.6	139.1	-3.3
		50.0	-8.1	3008	1623	16.6	-5.0					
26TH	337.25							1017.6	-144.5	17.7	125.6	-3.0
		50.8	-8.0	3008	1623	16.9	-4.9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							966.8	-136.5	15.8	112.7	-2.8
		51.6	-7.9	3008	1623	17.2	-4.8					
28TH	363.25							915.2	-128.6	14.1	100.4	-2.5
		52.4	-7.7	3008	1623	17.4	-4.7					
29TH	376.25							862.8	-120.9	12.5	88.9	-2.2
		53.2	-7.6	3008	1623	17.7	-4.7					
30TH	389.25							809.7	-113.4	11.0	78.0	-1.9
		53.7	-7.5	3008	1623	17.9	-4.6					
31ST	402.25							755.9	-105.9	9.5	67.8	-1.6
		54.0	-7.6	3008	1623	18.0	-4.7					
32ND	415.25							701.9	-98.3	8.2	58.4	-1.3
		54.4	-7.6	3008	1623	18.1	-4.7					
33RD	428.25							647.5	-90.7	7.0	49.6	-1.0
		54.7	-7.7	3008	1623	18.2	-4.7					
34TH	441.25							592.9	-83.0	5.9	41.5	-.7
		55.0	-7.8	3008	1623	18.3	-4.8					
35TH	454.25							537.8	-75.2	4.8	34.2	-.5
		55.5	-7.9	3008	1623	18.5	-4.9					
36TH	467.25							482.3	-67.3	3.9	27.5	-.3
		56.0	-8.0	3008	1623	18.6	-5.0					
37TH	480.25							426.4	-59.3	3.1	21.6	-.0
		56.4	-8.2	3008	1623	18.8	-5.0					
38TH	493.25							369.9	-51.1	2.4	16.5	.2
		56.9	-8.3	3008	1623	18.9	-5.1					
39TH	506.25							313.1	-42.8	1.8	12.0	.5
		57.2	-8.5	3008	1623	19.0	-5.2					
40TH	519.25							255.8	-34.3	1.3	8.3	.7
		56.6	-7.1	3008	1623	18.8	-4.4					
41ST	532.25							199.3	-27.2	.9	5.4	1.0
		55.8	-5.4	3008	1623	18.6	-3.3					
42ND	545.25							143.4	-21.8	.5	3.1	1.2
		64.6	-7.4	4002	2171	16.1	-3.4					
PENT	563.25							78.8	-14.4	.2	1.1	1.1
		78.8	-14.4	6390	3472	12.3	-4.1					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1936.7	-552.9	197.4	585.5	-19.1
2ND	25.25	80.8	-7.7	5843	3152	13.8	-2.4	1855.9	-545.3	183.6	537.6	-18.6
3RD	38.25	37.9	-6.0	3008	1623	12.6	-3.7	1818.0	-539.3	176.5	513.7	-18.2
4TH	51.25	37.3	-5.9	3008	1623	12.4	-3.6	1780.7	-533.4	169.6	490.3	-17.9
5TH	64.25	36.8	-5.8	3008	1623	12.2	-3.6	1743.9	-527.6	162.7	467.4	-17.5
6TH	77.25	36.3	-5.7	3008	1623	12.1	-3.5	1707.6	-521.9	155.8	445.0	-17.2
7TH	90.25	36.1	-5.6	3008	1623	12.0	-3.4	1671.5	-516.3	149.1	423.0	-16.9
8TH	103.25	37.5	-5.8	3008	1623	12.5	-3.6	1633.9	-510.5	142.4	401.5	-16.6
9TH	116.25	38.9	-6.1	3008	1623	12.9	-3.7	1595.0	-504.4	135.8	380.5	-16.3
10TH	129.25	40.3	-6.3	3008	1623	13.4	-3.9	1554.6	-498.1	129.3	360.1	-16.0
11TH	142.25	41.7	-6.6	3008	1623	13.9	-4.1	1512.9	-491.5	122.9	340.1	-15.7
12TH	155.25	42.0	-6.9	3008	1623	14.0	-4.3	1470.8	-484.6	116.5	320.7	-15.3
13TH	168.25	41.4	-7.5	3008	1623	13.8	-4.6	1429.4	-477.1	110.3	301.9	-15.0
14TH	181.25	40.8	-8.1	3008	1623	13.6	-5.0	1388.6	-468.9	104.1	283.6	-14.7
15TH	194.25	40.2	-8.7	3008	1623	13.4	-5.4	1348.5	-460.2	98.1	265.8	-14.3
16TH	207.25	39.6	-9.3	3008	1623	13.1	-5.7	1308.9	-450.9	92.2	248.5	-14.0
17TH	220.25	40.3	-9.8	3008	1623	13.4	-6.1	1268.6	-441.0	86.4	231.7	-13.6
18TH	233.25	41.5	-10.2	3008	1623	13.8	-6.3	1227.1	-430.8	80.7	215.5	-13.2
19TH	246.25	42.7	-10.6	3008	1623	14.2	-6.6	1184.5	-420.2	75.2	199.8	-12.7
20TH	259.25	43.9	-11.1	3008	1623	14.6	-6.8	1140.6	-409.1	69.8	184.7	-12.3
21ST	272.25	45.1	-11.5	3008	1623	15.0	-7.1	1095.5	-397.7	64.5	170.2	-11.7
22ND	285.25	44.7	-12.4	3008	1623	14.9	-7.6	1050.8	-385.3	59.4	156.2	-11.2
23RD	298.25	44.2	-13.4	3008	1623	14.7	-8.2	1006.6	-371.9	54.5	142.9	-10.7
24TH	311.25	43.7	-14.4	3008	1623	14.5	-8.9	962.8	-357.6	49.8	130.1	-10.1
25TH	324.25	43.2	-15.4	3008	1623	14.4	-9.5	919.6	-342.2	45.2	117.8	-9.6
26TH	337.25	43.1	-16.4	3008	1623	14.3	-10.1	876.5	-325.8	40.9	106.2	-9.0
		44.2	-16.4	3008	1623	14.7	-10.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							832.3	-309.4	36.8	95.0	-8.4
		45.3	-16.4	3008	1623	15.1	-10.1					
28TH	363.25							786.9	-293.0	32.8	84.5	-7.7
		46.4	-16.4	3008	1623	15.4	-10.1					
29TH	376.25							740.5	-276.6	29.1	74.6	-7.1
		47.5	-16.4	3008	1623	15.8	-10.1					
30TH	389.25							693.0	-260.2	25.7	65.3	-6.4
		48.1	-16.5	3008	1623	16.0	-10.2					
31ST	402.25							644.9	-243.7	22.4	56.6	-5.7
		48.1	-16.6	3008	1623	16.0	-10.2					
32ND	415.25							596.8	-227.1	19.3	48.5	-5.0
		48.1	-16.7	3008	1623	16.0	-10.3					
33RD	428.25							548.8	-210.3	16.5	41.1	-4.3
		48.0	-16.9	3008	1623	16.0	-10.4					
34TH	441.25							500.7	-193.5	13.9	34.2	-3.7
		48.0	-17.0	3008	1623	16.0	-10.5					
35TH	454.25							452.7	-176.5	11.5	28.0	-3.0
		48.2	-17.3	3008	1623	16.0	-10.7					
36TH	467.25							404.5	-159.1	9.3	22.5	-2.4
		48.6	-17.9	3008	1623	16.2	-11.0					
37TH	480.25							355.9	-141.3	7.3	17.5	-1.9
		49.0	-18.4	3008	1623	16.3	-11.3					
38TH	493.25							306.9	-122.9	5.6	13.2	-1.3
		49.3	-18.9	3008	1623	16.4	-11.7					
39TH	506.25							257.6	-103.9	4.1	9.5	-.7
		49.7	-19.5	3008	1623	16.5	-12.0					
40TH	519.25							207.9	-84.5	2.9	6.5	-.2
		48.8	-18.1	3008	1623	16.2	-11.2					
41ST	532.25							159.1	-66.3	1.9	4.1	.3
		47.7	-16.5	3008	1623	15.9	-10.1					
42ND	545.25							111.3	-49.9	1.2	2.4	.8
		52.7	-19.4	4002	2171	13.2	-9.0					
PENT	563.25							58.7	-30.4	.4	.9	.9
		58.7	-30.4	6390	3472	9.2	-8.8					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1628.3	-959.4	321.0	486.8	-33.9
		73.8	-21.3	5843	3152	12.6	-6.8					
2ND	25.25							1554.5	-938.1	297.0	446.6	-32.1
		34.2	-13.0	3008	1623	11.4	-8.0					
3RD	38.25							1520.4	-925.1	284.9	426.6	-31.6
		33.5	-13.3	3008	1623	11.1	-8.2					
4TH	51.25							1486.9	-911.8	273.0	407.1	-31.1
		32.8	-13.5	3008	1623	10.9	-8.3					
5TH	64.25							1454.0	-898.3	261.2	388.0	-30.6
		32.2	-13.7	3008	1623	10.7	-8.5					
6TH	77.25							1421.8	-884.6	249.6	369.3	-30.0
		31.9	-14.0	3008	1623	10.6	-8.6					
7TH	90.25							1390.0	-870.6	238.2	351.0	-29.5
		32.6	-14.3	3008	1623	10.8	-8.8					
8TH	103.25							1357.4	-856.3	227.0	333.1	-28.9
		33.3	-14.7	3008	1623	11.1	-9.1					
9TH	116.25							1324.1	-841.6	216.0	315.7	-28.3
		34.0	-15.1	3008	1623	11.3	-9.3					
10TH	129.25							1290.1	-826.5	205.1	298.7	-27.7
		34.7	-15.5	3008	1623	11.5	-9.5					
11TH	142.25							1255.4	-811.1	194.5	282.2	-27.0
		34.7	-16.0	3008	1623	11.5	-9.8					
12TH	155.25							1220.7	-795.1	184.0	266.1	-26.4
		34.2	-16.8	3008	1623	11.4	-10.3					
13TH	168.25							1186.5	-778.3	173.8	250.4	-25.8
		33.6	-17.6	3008	1623	11.2	-10.8					
14TH	181.25							1152.9	-760.7	163.8	235.2	-25.1
		33.1	-18.4	3008	1623	11.0	-11.3					
15TH	194.25							1119.8	-742.3	154.0	220.4	-24.5
		32.6	-19.2	3008	1623	10.8	-11.8					
16TH	207.25							1087.2	-723.1	144.5	206.1	-23.9
		33.2	-19.9	3008	1623	11.0	-12.2					
17TH	220.25							1054.0	-703.3	135.2	192.2	-23.2
		34.0	-20.4	3008	1623	11.3	-12.6					
18TH	233.25							1020.0	-682.9	126.2	178.7	-22.5
		34.9	-21.0	3008	1623	11.6	-12.9					
19TH	246.25							985.1	-661.9	117.5	165.7	-21.9
		35.7	-21.5	3008	1623	11.9	-13.2					
20TH	259.25							949.4	-640.4	109.0	153.1	-21.2
		36.5	-22.0	3008	1623	12.1	-13.6					
21ST	272.25							912.9	-618.4	100.8	141.0	-20.4
		36.6	-22.5	3008	1623	12.2	-13.8					
22ND	285.25							876.2	-595.9	92.9	129.4	-19.7
		36.8	-22.9	3008	1623	12.2	-14.1					
23RD	298.25							839.5	-573.0	85.4	118.2	-18.9
		36.9	-23.3	3008	1623	12.3	-14.3					
24TH	311.25							802.5	-549.8	78.1	107.5	-18.0
		37.1	-23.7	3008	1623	12.3	-14.6					
25TH	324.25							765.4	-526.1	71.1	97.3	-17.1
		37.4	-24.0	3008	1623	12.4	-14.8					
26TH	337.25							728.0	-502.1	64.4	87.6	-16.1
		37.9	-23.8	3008	1623	12.6	-14.7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							690.1	-478.3	58.0	78.4	-15.1
		38.4	-23.6	3008	1623	12.8	-14.6					
28TH	363.25							651.8	-454.6	51.9	69.7	-14.1
		38.8	-23.4	3008	1623	12.9	-14.4					
29TH	376.25							612.9	-431.2	46.2	61.5	-13.0
		39.3	-23.2	3008	1623	13.1	-14.3					
30TH	389.25							573.6	-408.0	40.7	53.8	-11.9
		39.5	-23.4	3008	1623	13.1	-14.4					
31ST	402.25							534.1	-384.6	35.6	46.6	-10.8
		39.6	-24.5	3008	1623	13.2	-15.1					
32ND	415.25							494.5	-360.1	30.7	39.9	-9.7
		39.6	-25.6	3008	1623	13.2	-15.8					
33RD	428.25							455.0	-334.5	26.2	33.7	-8.6
		39.6	-26.7	3008	1623	13.2	-16.5					
34TH	441.25							415.3	-307.8	22.0	28.0	-7.5
		39.7	-27.8	3008	1623	13.2	-17.1					
35TH	454.25							375.7	-280.0	18.2	22.9	-6.5
		40.1	-28.4	3008	1623	13.3	-17.5					
36TH	467.25							335.6	-251.6	14.8	18.3	-5.5
		40.7	-28.6	3008	1623	13.5	-17.6					
37TH	480.25							294.9	-222.9	11.7	14.2	-4.5
		41.3	-28.9	3008	1623	13.7	-17.8					
38TH	493.25							253.7	-194.1	9.0	10.6	-3.4
		41.8	-29.1	3008	1623	13.9	-17.9					
39TH	506.25							211.8	-165.0	6.6	7.6	-2.4
		42.4	-29.3	3008	1623	14.1	-18.1					
40TH	519.25							169.4	-135.7	4.7	5.1	-1.4
		41.8	-27.9	3008	1623	13.9	-17.2					
41ST	532.25							127.7	-107.7	3.1	3.2	-.4
		41.0	-26.2	3008	1623	13.6	-16.1					
42ND	545.25							86.6	-81.6	1.9	1.8	.6
		43.7	-33.0	4002	2171	10.9	-15.2					
PENT	563.25							42.9	-48.6	.7	.6	.9
		42.9	-48.6	6390	3472	6.7	-14.0					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1487.0	-1007.2	340.8	441.3	-41.8
		69.7	-18.5	5843	3152	11.9	-5.9					
2ND	25.25							1417.4	-988.7	315.6	404.7	-40.8
		31.7	-12.6	3008	1623	10.5	-7.7					
3RD	38.25							1385.7	-976.1	302.9	386.5	-40.2
		31.0	-13.0	3008	1623	10.3	-8.0					
4TH	51.25							1354.6	-963.2	290.3	368.6	-39.6
		30.3	-13.4	3008	1623	10.1	-8.2					
5TH	64.25							1324.3	-949.8	277.8	351.2	-38.9
		29.6	-13.7	3008	1623	9.8	-8.5					
6TH	77.25							1294.7	-936.1	265.6	334.2	-38.2
		29.6	-14.1	3008	1623	9.8	-8.7					
7TH	90.25							1265.2	-921.9	253.5	317.6	-37.5
		30.8	-14.6	3008	1623	10.2	-9.0					
8TH	103.25							1234.4	-907.3	241.6	301.3	-36.7
		32.0	-15.1	3008	1623	10.6	-9.3					
9TH	116.25							1202.4	-892.2	229.9	285.5	-35.9
		33.3	-15.6	3008	1623	11.1	-9.6					
10TH	129.25							1169.1	-876.5	218.4	270.1	-35.2
		34.5	-16.1	3008	1623	11.5	-9.9					
11TH	142.25							1134.6	-860.4	207.1	255.1	-34.4
		34.0	-16.8	3008	1623	11.3	-10.3					
12TH	155.25							1100.6	-843.6	196.0	240.6	-33.6
		32.5	-17.7	3008	1623	10.8	-10.9					
13TH	168.25							1068.2	-825.9	185.2	226.5	-32.8
		30.9	-18.7	3008	1623	10.3	-11.5					
14TH	181.25							1037.2	-807.1	174.6	212.8	-32.0
		29.4	-19.7	3008	1623	9.8	-12.1					
15TH	194.25							1007.8	-787.5	164.2	199.5	-31.1
		27.9	-20.7	3008	1623	9.3	-12.7					
16TH	207.25							979.9	-766.8	154.1	186.6	-30.3
		28.4	-21.3	3008	1623	9.4	-13.1					
17TH	220.25							951.5	-745.5	144.3	174.0	-29.4
		29.1	-21.7	3008	1623	9.7	-13.4					
18TH	233.25							922.4	-723.8	134.7	161.8	-28.5
		29.8	-22.1	3008	1623	9.9	-13.6					
19TH	246.25							892.6	-701.6	125.5	150.0	-27.5
		30.6	-22.5	3008	1623	10.2	-13.9					
20TH	259.25							862.0	-679.1	116.5	138.6	-26.5
		31.3	-23.0	3008	1623	10.4	-14.1					
21ST	272.25							830.7	-656.1	107.8	127.6	-25.5
		32.2	-23.3	3008	1623	10.7	-14.4					
22ND	285.25							798.6	-632.8	99.4	117.0	-24.4
		33.1	-23.6	3008	1623	11.0	-14.6					
23RD	298.25							765.4	-609.2	91.3	106.9	-23.3
		34.0	-24.0	3008	1623	11.3	-14.8					
24TH	311.25							731.4	-585.2	83.6	97.1	-22.2
		35.0	-24.3	3008	1623	11.6	-15.0					
25TH	324.25							696.4	-560.9	76.1	87.9	-21.1
		35.7	-24.6	3008	1623	11.9	-15.2					
26TH	337.25							660.7	-536.3	69.0	79.0	-19.9
		35.6	-24.7	3008	1623	11.8	-15.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								625.1	-511.6	62.2	70.7	-18.7
27TH	350.25	35.4	-24.8	3008	1623	11.8	-15.3	589.7	-486.7	55.7	62.8	-17.5
28TH	363.25	35.3	-24.9	3008	1623	11.7	-15.4	554.5	-461.8	49.5	55.3	-16.3
29TH	376.25	35.1	-25.0	3008	1623	11.7	-15.4	519.4	-436.8	43.7	48.4	-15.0
30TH	389.25	35.2	-25.5	3008	1623	11.7	-15.7	484.1	-411.3	38.2	41.8	-13.7
31ST	402.25	35.5	-26.6	3008	1623	11.8	-16.4	448.7	-384.7	33.0	35.8	-12.4
32ND	415.25	35.7	-27.7	3008	1623	11.9	-17.1	413.0	-357.0	28.2	30.2	-11.2
33RD	428.25	35.9	-28.9	3008	1623	11.9	-17.8	377.1	-328.1	23.7	25.0	-10.0
34TH	441.25	36.1	-30.0	3008	1623	12.0	-18.5	341.0	-298.2	19.7	20.4	-8.7
35TH	454.25	36.6	-30.4	3008	1623	12.2	-18.7	304.4	-267.8	16.0	16.2	-7.5
36TH	467.25	37.3	-30.2	3008	1623	12.4	-18.6	267.1	-237.6	12.7	12.5	-6.3
37TH	480.25	38.0	-30.0	3008	1623	12.6	-18.5	229.1	-207.5	9.8	9.2	-5.0
38TH	493.25	38.8	-29.9	3008	1623	12.9	-18.4	190.3	-177.6	7.3	6.5	-3.8
39TH	506.25	39.6	-29.7	3008	1623	13.2	-18.3	150.7	-147.9	5.2	4.3	-2.5
40TH	519.25	39.6	-29.1	3008	1623	13.2	-17.9	111.1	-118.8	3.5	2.6	-1.2
41ST	532.25	39.4	-28.3	3008	1623	13.1	-17.4	71.6	-90.5	2.1	1.4	.1
42ND	545.25	38.9	-36.2	4002	2171	9.7	-16.7	32.7	-54.3	.8	.5	.7
PENT	563.25	32.7	-54.3	6390	3472	5.1	-15.6	0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1751.7	-786.6	252.6	535.7	-46.2
		72.2	-18.1	5843	3152	12.4	-5.8					
2ND	25.25							1679.6	-768.5	232.9	492.4	-44.9
		34.7	-11.0	3008	1623	11.5	-6.8					
3RD	38.25							1644.8	-757.5	223.0	470.8	-44.2
		34.2	-11.4	3008	1623	11.4	-7.0					
4TH	51.25							1610.6	-746.1	213.2	449.6	-43.4
		33.6	-11.8	3008	1623	11.2	-7.2					
5TH	64.25							1577.0	-734.3	203.6	428.9	-42.6
		33.1	-12.1	3008	1623	11.0	-7.5					
6TH	77.25							1543.9	-722.2	194.1	408.6	-41.8
		33.1	-12.5	3008	1623	11.0	-7.7					
7TH	90.25							1510.8	-709.7	184.8	388.8	-40.9
		34.3	-13.3	3008	1623	11.4	-8.2					
8TH	103.25							1476.5	-696.4	175.7	369.4	-40.0
		35.5	-14.1	3008	1623	11.8	-8.7					
9TH	116.25							1441.1	-682.3	166.7	350.4	-39.1
		36.7	-14.9	3008	1623	12.2	-9.2					
10TH	129.25							1404.4	-667.4	158.0	331.9	-38.0
		37.9	-15.6	3008	1623	12.6	-9.6					
11TH	142.25							1366.6	-651.8	149.4	313.9	-36.9
		37.4	-16.4	3008	1623	12.4	-10.1					
12TH	155.25							1329.2	-635.4	141.0	296.4	-35.9
		36.1	-17.1	3008	1623	12.0	-10.5					
13TH	168.25							1293.1	-618.3	132.9	279.3	-34.8
		34.9	-17.8	3008	1623	11.6	-11.0					
14TH	181.25							1258.2	-600.5	125.0	262.7	-33.7
		33.7	-18.5	3008	1623	11.2	-11.4					
15TH	194.25							1224.5	-581.9	117.3	246.6	-32.7
		32.4	-19.3	3008	1623	10.8	-11.9					
16TH	207.25							1192.1	-562.7	109.8	230.9	-31.6
		33.2	-19.4	3008	1623	11.0	-12.0					
17TH	220.25							1158.8	-543.3	102.6	215.6	-30.6
		34.3	-19.1	3008	1623	11.4	-11.8					
18TH	233.25							1124.5	-524.1	95.7	200.8	-29.4
		35.4	-18.8	3008	1623	11.8	-11.6					
19TH	246.25							1089.1	-505.3	89.0	186.4	-28.3
		36.5	-18.5	3008	1623	12.1	-11.4					
20TH	259.25							1052.5	-486.8	82.6	172.5	-27.2
		37.6	-18.2	3008	1623	12.5	-11.2					
21ST	272.25							1014.9	-468.5	76.4	159.0	-26.0
		38.1	-18.2	3008	1623	12.7	-11.2					
22ND	285.25							976.8	-450.4	70.4	146.1	-24.8
		38.5	-18.2	3008	1623	12.8	-11.2					
23RD	298.25							938.3	-432.2	64.6	133.6	-23.6
		38.9	-18.2	3008	1623	12.9	-11.2					
24TH	311.25							899.4	-414.0	59.1	121.7	-22.4
		39.3	-18.2	3008	1623	13.1	-11.2					
25TH	324.25							860.1	-395.9	53.9	110.2	-21.2
		39.7	-18.2	3008	1623	13.2	-11.2					
26TH	337.25							820.4	-377.7	48.8	99.3	-20.0
		40.5	-18.3	3008	1623	13.5	-11.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								779.9	-359.4	44.1	88.9	-18.7
27TH	350.25	41.3	-18.4	3008	1623	13.7	-11.3					
								738.6	-341.0	39.5	79.0	-17.4
28TH	363.25	42.1	-18.5	3008	1623	14.0	-11.4					
								696.5	-322.4	35.2	69.7	-16.1
29TH	376.25	42.9	-18.7	3008	1623	14.3	-11.5					
								653.6	-303.8	31.1	60.9	-14.8
30TH	389.25	43.8	-18.7	3008	1623	14.6	-11.5					
								609.9	-285.0	27.3	52.7	-13.5
31ST	402.25	44.5	-18.7	3008	1623	14.8	-11.5					
								565.4	-266.4	23.7	45.1	-12.3
32ND	415.25	45.2	-18.6	3008	1623	15.0	-11.4					
								520.2	-247.8	20.4	38.0	-11.0
33RD	428.25	45.9	-18.5	3008	1623	15.3	-11.4					
								474.3	-229.3	17.3	31.6	-9.8
34TH	441.25	46.6	-18.4	3008	1623	15.5	-11.4					
								427.7	-210.9	14.4	25.7	-8.6
35TH	454.25	47.1	-18.8	3008	1623	15.6	-11.6					
								380.6	-192.1	11.8	20.5	-7.5
36TH	467.25	47.5	-19.5	3008	1623	15.8	-12.0					
								333.1	-172.6	9.4	15.8	-6.3
37TH	480.25	48.0	-20.2	3008	1623	16.0	-12.5					
								285.1	-152.3	7.3	11.8	-5.1
38TH	493.25	48.5	-20.9	3008	1623	16.1	-12.9					
								236.6	-131.4	5.5	8.4	-3.9
39TH	506.25	48.9	-21.6	3008	1623	16.3	-13.3					
								187.7	-109.8	3.9	5.6	-2.7
40TH	519.25	47.6	-21.2	3008	1623	15.8	-13.1					
								140.0	-88.5	2.6	3.5	-1.4
41ST	532.25	46.0	-20.5	3008	1623	15.3	-12.7					
								94.0	-68.0	1.6	2.0	-.1
42ND	545.25	45.2	-26.5	4002	2171	11.3	-12.2					
								48.8	-41.5	.6	.7	.4
PENT	563.25	48.8	-41.5	6390	3472	7.6	-11.9					
								0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1503.0	-837.0	258.3	454.4	-42.6
		64.0	-21.4	5843	3152	11.0	-6.8					
2ND	25.25							1439.0	-815.6	237.4	417.2	-41.3
		30.5	-13.3	3008	1623	10.1	-8.2					
3RD	38.25							1408.5	-802.3	226.9	398.7	-40.5
		29.8	-14.1	3008	1623	9.9	-8.7					
4TH	51.25							1378.8	-788.2	216.6	380.6	-39.7
		29.0	-15.0	3008	1623	9.7	-9.2					
5TH	64.25							1349.7	-773.2	206.4	362.9	-38.8
		28.3	-15.9	3008	1623	9.4	-9.8					
6TH	77.25							1321.4	-757.3	196.5	345.5	-38.0
		28.1	-16.7	3008	1623	9.3	-10.3					
7TH	90.25							1293.3	-740.6	186.7	328.5	-37.0
		29.2	-17.2	3008	1623	9.7	-10.6					
8TH	103.25							1264.1	-723.4	177.2	311.9	-36.0
		30.3	-17.7	3008	1623	10.1	-10.9					
9TH	116.25							1233.8	-705.6	167.9	295.7	-35.0
		31.4	-18.2	3008	1623	10.5	-11.2					
10TH	129.25							1202.4	-687.4	158.9	279.8	-33.9
		32.6	-18.7	3008	1623	10.8	-11.5					
11TH	142.25							1169.8	-668.7	150.1	264.4	-32.7
		32.2	-19.1	3008	1623	10.7	-11.8					
12TH	155.25							1137.5	-649.5	141.5	249.4	-31.6
		31.0	-19.2	3008	1623	10.3	-11.8					
13TH	168.25							1106.6	-630.4	133.2	234.8	-30.5
		29.7	-19.2	3008	1623	9.9	-11.8					
14TH	181.25							1076.9	-611.1	125.1	220.6	-29.5
		28.4	-19.3	3008	1623	9.4	-11.9					
15TH	194.25							1048.5	-591.8	117.3	206.8	-28.6
		27.2	-19.3	3008	1623	9.0	-11.9					
16TH	207.25							1021.3	-572.5	109.7	193.4	-27.7
		28.2	-19.5	3008	1623	9.4	-12.0					
17TH	220.25							993.1	-553.0	102.4	180.3	-26.8
		29.8	-19.8	3008	1623	9.9	-12.2					
18TH	233.25							963.3	-533.2	95.4	167.5	-25.8
		31.4	-20.1	3008	1623	10.4	-12.4					
19TH	246.25							932.0	-513.1	88.6	155.2	-24.9
		33.0	-20.4	3008	1623	11.0	-12.6					
20TH	259.25							899.0	-492.7	82.0	143.3	-23.9
		34.5	-20.7	3008	1623	11.5	-12.7					
21ST	272.25							864.5	-472.1	75.7	131.9	-22.8
		34.8	-20.4	3008	1623	11.6	-12.5					
22ND	285.25							829.8	-451.7	69.7	120.8	-21.8
		35.0	-19.9	3008	1623	11.6	-12.3					
23RD	298.25							794.8	-431.8	64.0	110.3	-20.8
		35.1	-19.5	3008	1623	11.7	-12.0					
24TH	311.25							759.7	-412.4	58.5	100.2	-19.7
		35.3	-19.0	3008	1623	11.7	-11.7					
25TH	324.25							724.3	-393.3	53.3	90.5	-18.7
		35.6	-18.6	3008	1623	11.8	-11.5					
26TH	337.25							688.7	-374.8	48.3	81.4	-17.6
		36.3	-18.3	3008	1623	12.1	-11.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								652.4	-356.4	43.5	72.6	-16.5
27TH	350.25	37.1	-18.1	3008	1623	12.3	-11.1	615.3	-338.3	39.0	64.4	-15.4
28TH	363.25	37.8	-17.8	3008	1623	12.6	-11.0	577.5	-320.5	34.7	56.6	-14.2
29TH	376.25	38.5	-17.6	3008	1623	12.8	-10.8	538.9	-302.9	30.7	49.4	-13.0
30TH	389.25	39.0	-17.6	3008	1623	13.0	-10.8	500.0	-285.3	26.8	42.6	-11.7
31ST	402.25	38.9	-18.0	3008	1623	12.9	-11.1	461.0	-267.4	23.3	36.4	-10.6
32ND	415.25	38.9	-18.4	3008	1623	12.9	-11.3	422.1	-249.0	19.9	30.6	-9.4
33RD	428.25	38.9	-18.8	3008	1623	12.9	-11.6	383.2	-230.2	16.8	25.4	-8.3
34TH	441.25	38.9	-19.2	3008	1623	12.9	-11.8	344.2	-211.0	13.9	20.7	-7.2
35TH	454.25	38.8	-19.8	3008	1623	12.9	-12.2	305.4	-191.2	11.3	16.5	-6.2
36TH	467.25	38.7	-20.5	3008	1623	12.9	-12.6	266.7	-170.7	9.0	12.7	-5.2
37TH	480.25	38.6	-21.2	3008	1623	12.8	-13.1	228.1	-149.5	6.9	9.5	-4.2
38TH	493.25	38.5	-21.9	3008	1623	12.8	-13.5	189.6	-127.6	5.1	6.8	-3.2
39TH	506.25	38.3	-22.6	3008	1623	12.7	-13.9	151.3	-105.0	3.6	4.6	-2.2
40TH	519.25	36.9	-22.5	3008	1623	12.3	-13.9	114.4	-82.5	2.3	2.9	-1.2
41ST	532.25	35.3	-22.3	3008	1623	11.7	-13.7	79.1	-60.2	1.4	1.6	-.3
42ND	545.25	40.9	-23.1	4002	2171	10.2	-10.6	38.2	-37.1	.5	.6	.4
PENT	563.25	38.2	-37.1	6390	3472	6.0	-10.7	0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							1126.8	-965.3	306.4	339.1	-33.9
		53.9	-21.2	5843	3152	9.2	-6.7					
2ND	25.25							1072.8	-944.0	282.3	311.4	-32.4
		24.9	-13.2	3008	1623	8.3	-8.1					
3RD	38.25							1047.9	-930.9	270.1	297.6	-31.6
		23.9	-14.2	3008	1623	7.9	-8.8					
4TH	51.25							1024.0	-916.6	258.1	284.1	-30.8
		22.8	-15.3	3008	1623	7.6	-9.4					
5TH	64.25							1001.2	-901.3	246.2	271.0	-30.0
		21.8	-16.4	3008	1623	7.2	-10.1					
6TH	77.25							979.4	-885.0	234.6	258.1	-29.2
		20.7	-17.4	3008	1623	6.9	-10.7					
7TH	90.25							958.7	-867.6	223.2	245.5	-28.5
		20.6	-18.0	3008	1623	6.8	-11.1					
8TH	103.25							938.1	-849.5	212.1	233.2	-27.7
		20.4	-18.6	3008	1623	6.8	-11.5					
9TH	116.25							917.7	-830.9	201.2	221.1	-26.9
		20.2	-19.2	3008	1623	6.7	-11.9					
10TH	129.25							897.5	-811.7	190.5	209.3	-26.2
		20.0	-19.8	3008	1623	6.7	-12.2					
11TH	142.25							877.5	-791.8	180.1	197.8	-25.4
		20.2	-20.4	3008	1623	6.7	-12.6					
12TH	155.25							857.3	-771.4	169.9	186.5	-24.6
		20.8	-21.0	3008	1623	6.9	-12.9					
13TH	168.25							836.5	-750.4	160.0	175.5	-23.8
		21.4	-21.5	3008	1623	7.1	-13.2					
14TH	181.25							815.1	-728.9	150.4	164.7	-23.1
		22.0	-22.0	3008	1623	7.3	-13.6					
15TH	194.25							793.1	-706.9	141.1	154.3	-22.4
		22.5	-22.6	3008	1623	7.5	-13.9					
16TH	207.25							770.6	-684.3	132.0	144.1	-21.7
		23.6	-22.8	3008	1623	7.8	-14.0					
17TH	220.25							747.0	-661.6	123.3	134.3	-21.1
		24.8	-22.7	3008	1623	8.2	-14.0					
18TH	233.25							722.2	-638.8	114.8	124.7	-20.3
		25.9	-22.7	3008	1623	8.6	-14.0					
19TH	246.25							696.3	-616.1	106.7	115.5	-19.6
		27.1	-22.6	3008	1623	9.0	-14.0					
20TH	259.25							669.2	-593.5	98.8	106.6	-18.8
		28.1	-22.6	3008	1623	9.4	-13.9					
21ST	272.25							641.1	-570.9	91.2	98.1	-18.0
		27.6	-22.7	3008	1623	9.2	-14.0					
22ND	285.25							613.4	-548.2	84.0	89.9	-17.2
		27.1	-22.8	3008	1623	9.0	-14.0					
23RD	298.25							586.3	-525.5	77.0	82.1	-16.4
		26.6	-22.9	3008	1623	8.8	-14.1					
24TH	311.25							559.8	-502.6	70.3	74.7	-15.5
		26.0	-23.0	3008	1623	8.6	-14.1					
25TH	324.25							533.8	-479.7	63.9	67.6	-14.7
		25.8	-23.0	3008	1623	8.6	-14.2					
26TH	337.25							508.0	-456.6	57.8	60.8	-13.9
		26.3	-22.7	3008	1623	8.7	-14.0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							481.7	-434.0	52.0	54.4	-13.0
		26.8	-22.4	3008	1623	8.9	-13.8					
28TH	363.25							454.8	-411.6	46.5	48.3	-12.1
		27.4	-22.0	3008	1623	9.1	-13.6					
29TH	376.25							427.5	-389.6	41.3	42.6	-11.2
		27.9	-21.7	3008	1623	9.3	-13.4					
30TH	389.25							399.6	-367.9	36.4	37.2	-10.3
		28.2	-21.7	3008	1623	9.4	-13.4					
31ST	402.25							371.4	-346.2	31.8	32.2	-9.3
		28.1	-22.5	3008	1623	9.3	-13.8					
32ND	415.25							343.3	-323.7	27.4	27.5	-8.4
		28.1	-23.2	3008	1623	9.3	-14.3					
33RD	428.25							315.2	-300.5	23.4	23.2	-7.5
		28.0	-24.0	3008	1623	9.3	-14.8					
34TH	441.25							287.2	-276.5	19.6	19.3	-6.6
		28.0	-24.8	3008	1623	9.3	-15.3					
35TH	454.25							259.2	-251.8	16.2	15.8	-5.8
		28.2	-25.3	3008	1623	9.4	-15.6					
36TH	467.25							231.1	-226.4	13.1	12.6	-5.0
		28.5	-25.7	3008	1623	9.5	-15.9					
37TH	480.25							202.6	-200.7	10.3	9.8	-4.2
		28.8	-26.2	3008	1623	9.6	-16.1					
38TH	493.25							173.8	-174.5	7.8	7.3	-3.5
		29.1	-26.6	3008	1623	9.7	-16.4					
39TH	506.25							144.8	-147.9	5.8	5.3	-2.7
		29.2	-27.0	3008	1623	9.7	-16.7					
40TH	519.25							115.6	-120.9	4.0	3.6	-2.0
		26.9	-26.8	3008	1623	8.9	-16.5					
41ST	532.25							88.7	-94.1	2.6	2.2	-1.3
		24.5	-26.4	3008	1623	8.1	-16.2					
42ND	545.25							64.2	-67.7	1.6	1.2	-.6
		36.2	-27.5	4002	2171	9.1	-12.7					
PENT	563.25							28.0	-40.3	.6	.4	.3
		28.0	-40.3	6390	3472	4.4	-11.6					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							946.2	-918.4	292.7	275.0	-25.9
		49.6	-20.3	5843	3152	8.5	-6.4					
2ND	25.25							896.6	-898.1	269.7	251.7	-24.4
		24.0	-11.9	3008	1623	8.0	-7.3					
3RD	38.25							872.6	-886.2	258.1	240.2	-23.6
		23.2	-13.0	3008	1623	7.7	-8.0					
4TH	51.25							849.5	-873.2	246.7	229.0	-22.8
		22.4	-14.1	3008	1623	7.4	-8.7					
5TH	64.25							827.1	-859.1	235.4	218.1	-22.0
		21.6	-15.2	3008	1623	7.2	-9.4					
6TH	77.25							805.5	-843.9	224.4	207.5	-21.2
		20.3	-16.3	3008	1623	6.7	-10.1					
7TH	90.25							785.2	-827.6	213.5	197.2	-20.5
		18.4	-16.9	3008	1623	6.1	-10.4					
8TH	103.25							766.7	-810.6	202.9	187.1	-19.8
		16.5	-17.5	3008	1623	5.5	-10.8					
9TH	116.25							750.2	-793.1	192.4	177.2	-19.3
		14.6	-18.1	3008	1623	4.9	-11.2					
10TH	129.25							735.6	-775.0	182.2	167.6	-18.8
		12.7	-18.7	3008	1623	4.2	-11.5					
11TH	142.25							722.8	-756.3	172.3	158.1	-18.4
		13.1	-19.3	3008	1623	4.3	-11.9					
12TH	155.25							709.7	-737.0	162.6	148.8	-17.9
		15.1	-19.6	3008	1623	5.0	-12.1					
13TH	168.25							694.6	-717.4	153.1	139.7	-17.5
		17.2	-20.0	3008	1623	5.7	-12.3					
14TH	181.25							677.4	-697.4	143.9	130.7	-17.0
		19.2	-20.4	3008	1623	6.4	-12.6					
15TH	194.25							658.2	-676.9	135.0	122.1	-16.4
		21.3	-20.8	3008	1623	7.1	-12.8					
16TH	207.25							636.9	-656.1	126.3	113.6	-15.9
		22.3	-21.1	3008	1623	7.4	-13.0					
17TH	220.25							614.5	-635.1	117.9	105.5	-15.3
		23.2	-21.2	3008	1623	7.7	-13.1					
18TH	233.25							591.3	-613.9	109.8	97.7	-14.7
		24.1	-21.4	3008	1623	8.0	-13.2					
19TH	246.25							567.2	-592.5	102.0	90.1	-14.1
		25.0	-21.5	3008	1623	8.3	-13.2					
20TH	259.25							542.1	-571.0	94.4	82.9	-13.6
		25.9	-21.6	3008	1623	8.6	-13.3					
21ST	272.25							516.2	-549.4	87.1	76.0	-13.0
		25.4	-21.5	3008	1623	8.4	-13.3					
22ND	285.25							490.9	-527.9	80.1	69.5	-12.4
		24.8	-21.3	3008	1623	8.3	-13.1					
23RD	298.25							466.1	-506.5	73.4	63.3	-11.8
		24.3	-21.2	3008	1623	8.1	-13.0					
24TH	311.25							441.8	-485.4	67.0	57.4	-11.3
		23.7	-21.0	3008	1623	7.9	-12.9					
25TH	324.25							418.0	-464.4	60.8	51.8	-10.5
		23.3	-20.8	3008	1623	7.7	-12.8					
26TH	337.25							394.7	-443.5	54.9	46.5	-10.2
		23.1	-21.5	3008	1623	7.7	-13.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							371.6	-422.1	49.3	41.5	-9.7
		23.0	-22.1	3008	1623	7.6	-13.6					
28TH	363.25							348.6	-399.9	43.9	36.8	-9.1
		22.8	-22.8	3008	1623	7.6	-14.0					
29TH	376.25							325.8	-377.1	38.9	32.5	-8.4
		22.6	-23.4	3008	1623	7.5	-14.4					
30TH	389.25							303.2	-353.7	34.1	28.4	-7.8
		22.5	-23.9	3008	1623	7.5	-14.7					
31ST	402.25							280.7	-329.8	29.7	24.6	-7.1
		22.1	-23.7	3008	1623	7.3	-14.6					
32ND	415.25							258.7	-306.1	25.5	21.1	-6.4
		21.7	-23.6	3008	1623	7.2	-14.6					
33RD	428.25							237.0	-282.4	21.7	17.8	-5.8
		21.3	-23.5	3008	1623	7.1	-14.5					
34TH	441.25							215.7	-258.9	18.2	14.9	-5.1
		20.9	-23.4	3008	1623	6.9	-14.4					
35TH	454.25							194.8	-235.5	15.0	12.2	-4.6
		20.8	-23.7	3008	1623	6.9	-14.6					
36TH	467.25							174.0	-211.8	12.1	9.8	-4.0
		21.0	-24.3	3008	1623	7.0	-15.0					
37TH	480.25							153.0	-187.5	9.5	7.7	-3.4
		21.2	-24.9	3008	1623	7.0	-15.3					
38TH	493.25							131.9	-162.6	7.2	5.9	-2.8
		21.3	-25.4	3008	1623	7.1	-15.7					
39TH	506.25							110.5	-137.2	5.3	4.3	-2.3
		21.3	-26.0	3008	1623	7.1	-16.0					
40TH	519.25							89.2	-111.2	3.6	3.0	-1.8
		18.0	-25.3	3008	1623	6.0	-15.6					
41ST	532.25							71.2	-85.9	2.4	1.9	-1.3
		14.6	-24.3	3008	1623	4.9	-15.0					
42ND	545.25							56.6	-61.6	1.4	1.1	-.9
		30.9	-25.4	4002	2171	7.7	-11.7					
PENT	563.25							25.7	-36.3	.5	.4	.1
		25.7	-36.3	6390	3472	4.0	-10.4					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							873.0	-683.9	220.9	275.8	-27.7
2ND	25.25	35.6	-16.2	5843	3152	6.1	-5.1	837.4	-667.7	203.9	254.2	-26.6
3RD	38.25	17.3	-9.3	3008	1623	5.7	-5.8	820.1	-658.3	195.2	243.4	-26.0
4TH	51.25	16.4	-9.9	3008	1623	5.5	-6.1	803.7	-648.4	186.8	232.8	-25.3
5TH	64.25	15.5	-10.5	3008	1623	5.2	-6.4	788.2	-638.0	178.4	222.5	-24.7
6TH	77.25	14.7	-11.0	3008	1623	4.9	-6.8	773.5	-627.0	170.2	212.3	-24.1
7TH	90.25	13.5	-11.6	3008	1623	4.5	-7.1	760.0	-615.4	162.1	202.4	-23.6
8TH	103.25	12.1	-12.0	3008	1623	4.0	-7.4	747.9	-603.5	154.2	192.6	-23.2
9TH	116.25	10.7	-12.4	3008	1623	3.6	-7.6	737.2	-591.1	146.4	182.9	-22.9
10TH	129.25	9.3	-12.8	3008	1623	3.1	-7.9	727.8	-578.3	138.8	173.4	-22.9
11TH	142.25	7.9	-13.1	3008	1623	2.6	-8.1	719.9	-565.2	131.4	164.0	-22.9
12TH	155.25	8.5	-13.6	3008	1623	2.8	-8.4	711.4	-551.6	124.1	154.7	-23.0
13TH	168.25	10.7	-14.0	3008	1623	3.6	-8.6	700.7	-537.6	117.0	145.5	-22.8
14TH	181.25	13.0	-14.5	3008	1623	4.3	-8.9	687.7	-523.2	110.1	136.5	-22.5
15TH	194.25	15.2	-14.9	3008	1623	5.0	-9.2	672.5	-508.2	103.4	127.6	-22.0
16TH	207.25	17.4	-15.4	3008	1623	5.8	-9.5	655.1	-492.8	96.9	119.0	-21.3
17TH	220.25	19.0	-15.5	3008	1623	6.3	-9.5	636.1	-477.4	90.6	110.6	-20.6
18TH	233.25	20.5	-15.2	3008	1623	6.8	-9.4	615.6	-462.1	84.5	102.5	-19.9
19TH	246.25	21.9	-15.0	3008	1623	7.3	-9.3	593.6	-447.1	78.6	94.6	-19.2
20TH	259.25	23.4	-14.8	3008	1623	7.8	-9.1	570.2	-432.3	72.9	87.1	-18.6
21ST	272.25	24.8	-14.6	3008	1623	8.2	-9.0	545.5	-417.8	67.4	79.8	-18.0
22ND	285.25	24.8	-14.8	3008	1623	8.3	-9.1	520.6	-403.0	62.0	72.9	-17.3
23RD	298.25	24.9	-15.1	3008	1623	8.3	-9.3	495.7	-387.9	56.9	66.3	-16.6
24TH	311.25	25.0	-15.5	3008	1623	8.3	-9.5	470.7	-372.4	51.9	60.0	-15.9
25TH	324.25	25.1	-15.8	3008	1623	8.4	-9.7	445.5	-356.6	47.2	54.0	-15.1
26TH	337.25	25.2	-16.2	3008	1623	8.4	-10.0	420.3	-340.4	42.7	48.4	-14.4
		25.1	-16.5	3008	1623	8.3	-10.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 3 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							395.2	-323.9	38.4	43.1	-13.6
		25.0	-16.9	3008	1623	8.3	-10.4					
28TH	363.25							370.3	-307.0	34.3	38.1	-12.8
		24.8	-17.2	3008	1623	8.3	-10.6					
29TH	376.25							345.4	-289.7	30.4	33.5	-12.0
		24.7	-17.6	3008	1623	8.2	-10.8					
30TH	389.25							320.7	-272.1	26.7	29.1	-11.2
		24.6	-17.8	3008	1623	8.2	-11.0					
31ST	402.25							296.1	-254.3	23.3	25.1	-10.3
		24.5	-17.8	3008	1623	8.2	-11.0					
32ND	415.25							271.6	-236.5	20.1	21.4	-9.5
		24.5	-17.7	3008	1623	8.1	-10.9					
33RD	428.25							247.1	-218.8	17.2	18.1	-8.7
		24.4	-17.7	3008	1623	8.1	-10.9					
34TH	441.25							222.7	-201.1	14.4	15.0	-7.9
		24.4	-17.6	3008	1623	8.1	-10.9					
35TH	454.25							198.3	-183.5	11.9	12.3	-7.1
		23.7	-17.8	3008	1623	7.9	-11.0					
36TH	467.25							174.7	-165.7	9.7	9.9	-6.3
		22.9	-18.2	3008	1623	7.6	-11.2					
37TH	480.25							151.8	-147.5	7.6	7.7	-5.5
		22.1	-18.5	3008	1623	7.3	-11.4					
38TH	493.25							129.7	-129.0	5.8	5.9	-4.7
		21.3	-18.9	3008	1623	7.1	-11.7					
39TH	506.25							108.4	-110.1	4.3	4.4	-4.0
		20.3	-19.3	3008	1623	6.8	-11.9					
40TH	519.25							88.1	-90.8	3.0	3.1	-3.2
		17.2	-20.0	3008	1623	5.7	-12.3					
41ST	532.25							70.9	-70.8	1.9	2.1	-2.4
		14.0	-20.8	3008	1623	4.7	-12.8					
42ND	545.25							56.9	-49.9	1.1	1.2	-1.8
		26.9	-21.1	4002	2171	6.7	-9.7					
PENT	563.25							30.1	-28.8	.4	.4	-.7
		30.1	-28.8	6390	3472	4.7	-8.3					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							42.9	-612.2	199.1	22.4	-4.5
		7.5	-13.9	5843	3152	1.3	-4.4					
2ND	25.25							35.3	-598.3	183.8	21.4	-4.3
		3.0	-8.0	3008	1623	1.0	-5.0					
3RD	38.25							32.3	-590.2	176.1	21.0	-4.2
		2.7	-8.9	3008	1623	.9	-5.5					
4TH	51.25							29.6	-581.3	168.5	20.6	-4.0
		2.5	-9.8	3008	1623	.8	-6.1					
5TH	64.25							27.1	-571.5	161.0	20.2	-3.9
		2.2	-10.7	3008	1623	.7	-6.6					
6TH	77.25							24.9	-560.8	153.6	19.9	-3.8
		1.1	-11.6	3008	1623	.4	-7.1					
7TH	90.25							23.8	-549.2	146.4	19.6	-3.8
		-1.3	-11.6	3008	1623	-.4	-7.1					
8TH	103.25							25.1	-537.6	139.4	19.2	-3.8
		-3.8	-11.6	3008	1623	-1.3	-7.1					
9TH	116.25							28.9	-526.1	132.4	18.9	-3.9
		-6.2	-11.5	3008	1623	-2.1	-7.1					
10TH	129.25							35.1	-514.5	125.7	18.5	-4.0
		-8.7	-11.5	3008	1623	-2.9	-7.1					
11TH	142.25							43.8	-503.0	119.1	18.0	-4.2
		-8.2	-11.6	3008	1623	-2.7	-7.2					
12TH	155.25							52.0	-491.4	112.6	17.3	-4.4
		-6.3	-12.1	3008	1623	-2.1	-7.4					
13TH	168.25							58.2	-479.3	106.3	16.6	-4.5
		-4.3	-12.5	3008	1623	-1.4	-7.7					
14TH	181.25							62.6	-466.8	100.1	15.8	-4.6
		-2.4	-12.9	3008	1623	-.8	-8.0					
15TH	194.25							64.9	-453.8	94.2	15.0	-4.6
		-.4	-13.4	3008	1623	-.1	-8.2					
16TH	207.25							65.4	-440.5	88.3	14.2	-4.6
		.0	-13.5	3008	1623	.0	-8.3					
17TH	220.25							65.4	-427.0	82.7	13.3	-4.6
		.4	-13.4	3008	1623	.1	-8.2					
18TH	233.25							65.0	-413.6	77.2	12.5	-4.7
		.8	-13.3	3008	1623	.3	-8.2					
19TH	246.25							64.1	-400.3	72.0	11.6	-4.7
		1.2	-13.2	3008	1623	.4	-8.1					
20TH	259.25							62.9	-387.1	66.8	10.8	-4.7
		1.6	-13.0	3008	1623	.5	-8.0					
21ST	272.25							61.3	-374.1	61.9	10.0	-4.7
		1.5	-13.1	3008	1623	.5	-8.1					
22ND	285.25							59.8	-361.0	57.1	9.2	-4.6
		1.4	-13.2	3008	1623	.5	-8.1					
23RD	298.25							58.4	-347.8	52.5	8.4	-4.6
		1.3	-13.3	3008	1623	.4	-8.2					
24TH	311.25							57.1	-334.4	48.1	7.7	-4.5
		1.2	-13.5	3008	1623	.4	-8.3					
25TH	324 25							55.9	-321.0	43.8	7.0	-4.4
		1.3	-13.6	3008	1623	.4	-8.4					
26TH	337.25							54.6	-307.4	39.7	6.2	-4.3
		1.7	-14.0	3008	1623	.6	-8.6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							52.9	-293.4	35.8	5.5	-4.1
		2.2	-14.4	3008	1623	.7	-8.9					
28TH	363.25							50.7	-279.0	32.1	4.9	-3.9
		2.6	-14.8	3008	1623	.9	-9.1					
29TH	376.25							48.1	-264.1	28.6	4.2	-3.7
		3.0	-15.2	3008	1623	1.0	-9.4					
30TH	389.25							45.1	-248.9	25.2	3.6	-3.4
		3.5	-15.5	3008	1623	1.2	-9.5					
31ST	402.25							41.5	-233.4	22.1	3.1	-3.2
		4.2	-15.3	3008	1623	1.4	-9.4					
32ND	415.25							37.4	-218.1	19.2	2.5	-2.9
		4.8	-15.1	3008	1623	1.6	-9.3					
33RD	428.25							32.6	-203.1	16.4	2.1	-2.7
		5.4	-14.9	3008	1623	1.8	-9.2					
34TH	441.25							27.3	-188.2	13.9	1.7	-2.5
		6.0	-14.7	3008	1623	2.0	-9.0					
35TH	454.25							21.3	-173.6	11.5	1.4	-2.3
		5.0	-15.1	3008	1623	1.6	-9.3					
36TH	467.25							16.3	-158.4	9.4	1.1	-2.1
		3.5	-16.1	3008	1623	1.1	-9.9					
37TH	480.25							12.9	-142.3	7.4	.9	-2.0
		2.0	-17.1	3008	1623	.7	-10.6					
38TH	493.25							10.9	-125.1	5.7	.8	-1.8
		.5	-18.1	3008	1623	.2	-11.2					
39TH	506.25							10.4	-107.0	4.2	.7	-1.7
		-1.0	-19.1	3008	1623	-.3	-11.8					
40TH	519.25							11.4	-87.9	2.9	.5	-1.6
		-.9	-19.2	3008	1623	-.3	-11.8					
41ST	532.25							12.3	-68.6	1.9	.4	-1.4
		-.7	-19.1	3008	1623	-.2	-11.8					
42ND	545.25							13.0	-49.5	1.1	.2	-1.3
		9.7	-20.9	4002	2171	2.4	-9.6					
PENT	563.25							3.3	-28.6	.4	.0	-.5
		3.3	-28.6	6390	3472	.5	-8.2					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-652.1	-513.9	172.6	-187.2	27.0
		-14.1	-9.7	5843	3152	-2.4	-3.1					
2ND	25.25							-638.0	-504.2	159.7	-170.9	26.2
		-8.1	-5.4	3008	1623	-2.7	-3.3					
3RD	38.25							-629.9	-498.8	153.2	-162.6	25.8
		-8.5	-6.0	3008	1623	-2.8	-3.7					
4TH	51.25							-621.5	-492.8	146.8	-154.5	25.3
		-8.9	-6.6	3008	1623	-3.0	-4.0					
5TH	64.25							-612.6	-486.2	140.4	-146.5	24.8
		-9.3	-7.2	3008	1623	-3.1	-4.4					
6TH	77.25							-603.3	-479.1	134.1	-138.6	24.3
		-11.0	-7.7	3008	1623	-3.7	-4.8					
7TH	90.25							-592.2	-471.3	128.0	-130.8	23.7
		-14.6	-8.0	3008	1623	-4.9	-4.9					
8TH	103.25							-577.6	-463.3	121.9	-123.2	23.2
		-18.2	-8.3	3008	1623	-6.0	-5.1					
9TH	116.25							-559.5	-455.0	115.9	-115.8	22.8
		-21.7	-8.6	3008	1623	-7.2	-5.3					
10TH	129.25							-537.7	-446.5	110.1	-108.7	22.4
		-25.3	-8.8	3008	1623	-8.4	-5.4					
11TH	142.25							-512.5	-437.7	104.3	-101.8	22.2
		-24.8	-9.1	3008	1623	-8.2	-5.6					
12TH	155.25							-487.7	-428.5	98.7	-95.3	22.0
		-22.6	-9.6	3008	1623	-7.5	-5.9					
13TH	168.25							-465.0	-418.9	93.2	-89.1	21.7
		-20.5	-10.0	3008	1623	-6.8	-6.2					
14TH	181.25							-444.6	-408.9	87.8	-83.2	21.3
		-18.3	-10.5	3008	1623	-6.1	-6.4					
15TH	194.25							-426.3	-398.5	82.5	-77.6	20.7
		-16.1	-10.9	3008	1623	-5.4	-6.7					
16TH	207.25							-410.2	-387.6	77.4	-72.1	20.0
		-16.0	-11.1	3008	1623	-5.3	-6.8					
17TH	220.25							-394.2	-376.5	72.5	-66.9	19.2
		-15.8	-11.0	3008	1623	-5.3	-6.8					
18TH	233.25							-378.4	-365.5	67.6	-61.9	18.4
		-15.6	-10.9	3008	1623	-5.2	-6.7					
19TH	246.25							-362.8	-354.6	63.0	-57.1	17.6
		-15.4	-10.9	3008	1623	-5.1	-6.7					
20TH	259.25							-347.4	-343.7	58.4	-52.5	16.8
		-15.2	-10.8	3008	1623	-5.1	-6.7					
21ST	272.25							-332.2	-332.9	54.0	-48.0	15.9
		-15.6	-11.1	3008	1623	-5.2	-6.9					
22ND	285.25							-316.6	-321.7	49.8	-43.8	15.0
		-15.9	-11.5	3008	1623	-5.3	-7.1					
23RD	298.25							-300.7	-310.2	45.7	-39.8	14.2
		-16.3	-12.0	3008	1623	-5.4	-7.4					
24TH	311.25							-284.4	-298.2	41.7	-36.0	13.4
		-16.7	-12.4	3008	1623	-5.5	-7.6					
25TH	324.25							-267.7	-285.9	37.9	-32.4	12.6
		-16.8	-12.8	3008	1623	-5.6	-7.9					
26TH	337.25							-250.9	-273.1	34.3	-29.0	11.8
		-16.2	-13.1	3008	1623	-5.4	-8.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-234.7	-260.0	30.8	-25.9	11.1
		-15.6	-13.4	3008	1623	-5.2	-8.3					
28TH	363.25							-219.1	-246.6	27.5	-22.9	10.4
		-14.9	-13.7	3008	1623	-5.0	-8.5					
29TH	376.25							-204.2	-232.8	24.4	-20.2	9.8
		-14.3	-14.0	3008	1623	-4.8	-8.7					
30TH	389.25							-189.9	-218.8	21.5	-17.6	9.2
		-13.8	-14.3	3008	1623	-4.6	-8.8					
31ST	402.25							-176.0	-204.5	18.7	-15.2	8.5
		-13.5	-14.2	3008	1623	-4.5	-8.8					
32ND	415.25							-162.5	-190.3	16.2	-13.0	7.9
		-13.2	-14.2	3008	1623	-4.4	-8.8					
33RD	428.25							-149.4	-176.1	13.8	-11.0	7.2
		-12.8	-14.2	3008	1623	-4.3	-8.7					
34TH	441.25							-136.5	-161.9	11.6	-9.2	6.5
		-12.5	-14.2	3008	1623	-4.1	-8.7					
35TH	454.25							-124.1	-147.7	9.6	-7.5	5.8
		-12.9	-14.4	3008	1623	-4.3	-8.9					
36TH	467.25							-111.2	-133.3	7.7	-5.9	5.0
		-13.5	-14.7	3008	1623	-4.5	-9.1					
37TH	480.25							-97.7	-118.6	6.1	-4.6	4.3
		-14.0	-15.1	3008	1623	-4.7	-9.3					
38TH	493.25							-83.7	-103.5	4.7	-3.4	3.5
		-14.6	-15.5	3008	1623	-4.9	-9.5					
39TH	506.25							-69.0	-88.0	3.4	-2.4	2.7
		-15.2	-15.8	3008	1623	-5.1	-9.8					
40TH	519.25							-53.8	-72.2	2.4	-1.6	1.9
		-14.9	-16.1	3008	1623	-4.9	-9.9					
41ST	532.25							-39.0	-56.1	1.5	-1.0	1.2
		-14.4	-16.4	3008	1623	-4.8	-10.1					
42ND	545.25							-24.6	-39.7	.9	-.6	.6
		-8.8	-16.2	4002	2171	-2.2	-7.5					
PENT	563.25							-15.9	-23.5	.3	-.2	.3
		-15.9	-23.5	6390	3472	-2.5	-6.8					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-975.4	-395.2	142.4	-272.6	52.3
		-32.3	-4.2	5843	3152	-5.5	-1.3					
2ND	25.25							-943.2	-391.0	132.4	-248.4	50.8
		-17.1	-1.5	3008	1623	-5.7	-.9					
3RD	38.25							-926.0	-389.5	127.4	-236.2	50.0
		-18.4	-1.9	3008	1623	-6.1	-1.1					
4TH	51.25							-907.7	-387.7	122.3	-224.3	49.1
		-19.6	-2.2	3008	1623	-6.5	-1.4					
5TH	64.25							-888.0	-385.4	117.3	-212.6	48.3
		-20.9	-2.6	3008	1623	-6.9	-1.6					
6TH	77.25							-867.1	-382.8	112.3	-201.2	47.4
		-23.2	-3.0	3008	1623	-7.7	-1.8					
7TH	90.25							-844.0	-379.8	107.3	-190.1	46.5
		-25.6	-3.4	3008	1623	-8.5	-2.1					
8TH	103.25							-818.3	-376.4	102.4	-179.3	45.8
		-28.1	-3.8	3008	1623	-9.4	-2.4					
9TH	116.25							-790.2	-372.6	97.6	-168.8	45.4
		-30.6	-4.2	3008	1623	-10.2	-2.6					
10TH	129.25							-759.6	-368.3	92.8	-158.8	45.3
		-33.1	-4.6	3008	1623	-11.0	-2.9					
11TH	142.25							-726.5	-363.7	88.0	-149.1	45.4
		-31.9	-5.1	3008	1623	-10.6	-3.2					
12TH	155.25							-694.5	-358.6	83.3	-139.9	45.6
		-29.8	-5.8	3008	1623	-9.9	-3.6					
13TH	168.25							-664.8	-352.8	78.7	-131.0	45.4
		-27.6	-6.4	3008	1623	-9.2	-4.0					
14TH	181.25							-637.2	-346.3	74.1	-122.6	44.9
		-25.4	-7.1	3008	1623	-8.4	-4.4					
15TH	194.25							-611.8	-339.2	69.7	-114.4	44.1
		-23.2	-7.8	3008	1623	-7.7	-4.8					
16TH	207.25							-588.6	-331.5	65.3	-106.6	42.9
		-23.2	-8.3	3008	1623	-7.7	-5.1					
17TH	220.25							-565.4	-323.2	61.1	-99.1	41.6
		-23.0	-8.8	3008	1623	-7.6	-5.4					
18TH	233.25							-542.4	-314.4	56.9	-91.9	40.2
		-22.8	-9.2	3008	1623	-7.6	-5.7					
19TH	246.25							-519.7	-305.2	52.9	-85.0	38.8
		-22.6	-9.7	3008	1623	-7.5	-6.0					
20TH	259.25							-497.1	-295.5	49.0	-78.4	37.3
		-22.4	-10.1	3008	1623	-7.4	-6.2					
21ST	272.25							-474.7	-285.4	45.2	-72.1	35.8
		-22.2	-10.5	3008	1623	-7.4	-6.5					
22ND	285.25							-452.5	-274.9	41.6	-66.1	34.2
		-22.0	-10.8	3008	1623	-7.3	-6.7					
23RD	298.25							-430.5	-264.0	38.1	-60.3	32.7
		-21.8	-11.2	3008	1623	-7.3	-6.9					
24TH	311.25							-408.7	-252.9	34.7	-54.9	31.1
		-21.6	-11.5	3008	1623	-7.2	-7.1					
25TH	324.25							-387.0	-241.4	31.5	-49.7	29.6
		-21.4	-11.8	3008	1623	-7.1	-7.3					
26TH	337.25							-365.6	-229.6	28.4	-44.8	28.0
		-20.8	-11.9	3008	1623	-6.9	-7.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-344.8	-217.7	25.5	-40.2	26.5
		-20.2	-11.9	3008	1623	-6.7	-7.3					
28TH	363.25							-324.6	-205.8	22.8	-35.8	25.0
		-19.6	-12.0	3008	1623	-6.5	-7.4					
29TH	376.25							-304.9	-193.9	20.2	-31.8	23.4
		-19.0	-12.0	3008	1623	-6.3	-7.4					
30TH	389.25							-285.9	-181.9	17.7	-27.9	21.9
		-18.8	-12.0	3008	1623	-6.2	-7.4					
31ST	402.25							-267.1	-169.9	15.4	-24.3	20.4
		-19.0	-11.9	3008	1623	-6.3	-7.3					
32ND	415.25							-248.1	-158.0	13.3	-21.0	18.8
		-19.1	-11.8	3008	1623	-6.4	-7.3					
33RD	428.25							-229.0	-146.1	11.3	-17.9	17.2
		-19.3	-11.7	3008	1623	-6.4	-7.2					
34TH	441.25							-209.7	-134.4	9.5	-15.0	15.6
		-19.5	-11.6	3008	1623	-6.5	-7.2					
35TH	454.25							-190.2	-122.8	7.8	-12.4	13.9
		-19.6	-11.9	3008	1623	-6.5	-7.3					
36TH	467.25							-170.6	-110.9	6.3	-10.1	12.3
		-19.5	-12.4	3008	1623	-6.5	-7.6					
37TH	480.25							-151.1	-98.5	5.0	-8.0	10.6
		-19.4	-12.9	3008	1623	-6.4	-7.9					
38TH	493.25							-131.7	-85.7	3.8	-6.1	9.0
		-19.3	-13.4	3008	1623	-6.4	-8.2					
39TH	506.25							-112.4	-72.3	2.7	-4.6	7.3
		-19.2	-13.9	3008	1623	-6.4	-8.6					
40TH	519.25							-93.2	-58.4	1.9	-3.2	5.7
		-18.9	-13.8	3008	1623	-6.3	-8.5					
41ST	532.25							-74.3	-44.6	1.2	-2.1	4.2
		-18.5	-13.6	3008	1623	-6.1	-8.4					
42ND	545.25							-55.8	-30.9	.7	-1.3	2.8
		-22.2	-12.0	4002	2171	-5.6	-5.5					
PENT	563.25							-33.6	-18.9	.3	-.5	1.4
		-33.6	-18.9	6390	3472	-5.3	-5.5					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								-1432.4	-64.6	34.6	-424.6	73.0
GRND	0.00	-51.4	2.5	5843	3152	-8.8	.8					
								-1381.0	-67.1	33.0	-389.1	71.3
2ND	25.25	-26.6	2.0	3008	1623	-8.8	1.2					
								-1354.4	-69.1	32.1	-371.3	70.3
3RD	38.25	-27.6	2.0	3008	1623	-9.2	1.3					
								-1326.8	-71.1	31.2	-353.9	69.3
4TH	51.25	-28.6	2.1	3008	1623	-9.5	1.3					
								-1298.2	-73.3	30.2	-336.8	68.2
5TH	64.25	-29.6	2.2	3008	1623	-9.8	1.3					
								-1268.7	-75.4	29.3	-320.1	67.1
6TH	77.25	-31.3	2.2	3008	1623	-10.4	1.4					
								-1237.3	-77.7	28.3	-303.9	66.0
7TH	90.25	-32.8	1.8	3008	1623	-10.9	1.1					
								-1204.6	-79.5	27.2	-288.0	65.2
8TH	103.25	-34.3	1.3	3008	1623	-11.4	.8					
								-1170.3	-80.8	26.2	-272.5	64.7
9TH	116.25	-35.7	.9	3008	1623	-11.9	.6					
								-1134.6	-81.7	25.1	-257.6	64.6
10TH	129.25	-37.2	.5	3008	1623	-12.4	.3					
								-1097.4	-82.2	24.1	-243.1	64.7
11TH	142.25	-36.4	.1	3008	1623	-12.1	.1					
								-1061.0	-82.3	23.0	-229.0	64.9
12TH	155.25	-35.4	-.1	3008	1623	-11.8	-.0					
								-1025.6	-82.2	21.9	-215.5	64.6
13TH	168.25	-34.3	-.2	3008	1623	-11.4	-.1					
								-991.3	-82.0	20.9	-202.4	63.9
14TH	181.25	-33.3	-.4	3008	1623	-11.1	-.2					
								-958.0	-81.6	19.8	-189.7	62.7
15TH	194.25	-32.2	-.6	3008	1623	-10.7	-.3					
								-925.8	-81.0	18.8	-177.4	61.1
16TH	207.25	-32.1	-.9	3008	1623	-10.7	-.6					
								-893.7	-80.1	17.7	-165.6	59.4
17TH	220.25	-31.6	-1.4	3008	1623	-10.5	-.9					
								-862.1	-78.7	16.7	-154.2	57.6
18TH	233.25	-31.1	-1.9	3008	1623	-10.3	-1.2					
								-831.0	-76.8	15.7	-143.2	55.7
19TH	246.25	-30.5	-2.4	3008	1623	-10.1	-1.5					
								-800.5	-74.4	14.7	-132.6	53.8
20TH	259.25	-30.0	-2.9	3008	1623	-10.0	-1.8					
								-770.5	-71.5	13.7	-122.4	51.9
21ST	272.25	-30.3	-2.8	3008	1623	-10.1	-1.7					
								-740.2	-68.6	12.8	-112.6	49.9
22ND	285.25	-30.6	-2.6	3008	1623	-10.2	-1.6					
								-709.7	-66.1	11.9	-103.1	47.8
23RD	298.25	-30.9	-2.3	3008	1623	-10.3	-1.4					
								-678.8	-63.7	11.1	-94.1	45.7
24TH	311.25	-31.2	-2.1	3008	1623	-10.4	-1.3					
								-647.5	-61.6	10.3	-85.5	43.4
25TH	324.25	-31.5	-1.8	3008	1623	-10.5	-1.1					
								-616.0	-59.8	9.5	-77.3	41.1
26TH	337.25	-31.4	-1.6	3008	1623	-10.4	-1.0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-584.6	-58.2	8.7	-69.5	38.8
		-31.3	-1.3	3008	1623	-10.4	-.8					
28TH	363.25							-553.3	-56.9	8.0	-62.1	36.5
		-31.2	-1.1	3008	1623	-10.4	-.7					
29TH	376.25							-522.1	-55.8	7.3	-55.1	34.2
		-31.1	-.8	3008	1623	-10.3	-.5					
30TH	389.25							-491.0	-54.9	6.5	-48.5	31.8
		-31.2	-.8	3008	1623	-10.4	-.5					
31ST	402.25							-459.8	-54.1	5.8	-42.3	29.4
		-31.6	-1.3	3008	1623	-10.5	-.8					
32ND	415.25							-428.2	-52.8	5.1	-36.5	27.1
		-31.9	-1.8	3008	1623	-10.6	-1.1					
33RD	428.25							-396.3	-51.0	4.5	-31.2	24.7
		-32.3	-2.3	3008	1623	-10.7	-1.4					
34TH	441.25							-364.0	-48.7	3.8	-26.2	22.4
		-32.7	-2.8	3008	1623	-10.9	-1.7					
35TH	454.25							-331.3	-45.9	3.2	-21.7	20.1
		-33.0	-3.2	3008	1623	-11.0	-2.0					
36TH	467.25							-298.3	-42.7	2.6	-17.6	17.8
		-33.2	-3.7	3008	1623	-11.0	-2.3					
37TH	480.25							-265.1	-39.0	2.1	-14.0	15.4
		-33.4	-4.1	3008	1623	-11.1	-2.5					
38TH	493.25							-231.6	-34.9	1.6	-10.7	13.0
		-33.6	-4.6	3008	1623	-11.2	-2.8					
39TH	506.25							-198.0	-30.4	1.2	-7.9	10.7
		-33.9	-5.0	3008	1623	-11.3	-3.1					
40TH	519.25							-164.1	-25.4	.8	-5.6	8.3
		-33.5	-5.8	3008	1623	-11.1	-3.6					
41ST	532.25							-130.6	-19.5	.5	-3.7	6.0
		-33.0	-6.7	3008	1623	-11.0	-4.1					
42ND	545.25							-97.6	-12.8	.3	-2.2	4.0
		-41.5	-4.3	4002	2171	-10.4	-2.0					
PENT	563.25							-56.1	-8.6	.1	-.8	1.9
		-56.1	-8.6	6390	3472	-8.8	-2.5					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 30 0 PSF GUST FACTOR 1 32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-1827.1	59.6	2.9	-550.3	74.0
		-70.7	4.2	5843	3152	-12.1	1.3					
2ND	25.25							-1756.4	55.4	4.3	-505.0	72.0
		-35.9	3.5	3008	1623	-11.9	2.1					
3RD	38.25							-1720.6	51.9	5.0	-482.4	70.9
		-36.6	3.8	3008	1623	-12.2	2.3					
4TH	51.25							-1684.0	48.1	5.7	-460.3	69.7
		-37.2	4.1	3008	1623	-12.4	2.5					
5TH	64.25							-1646.7	44.0	6.3	-438.7	68.5
		-37.9	4.4	3008	1623	-12 6	2.7					
6TH	77.25							-1608.8	39.6	6.8	-417.5	67.2
		-38.8	4.8	3008	1623	-12.9	2.9					
7TH	90.25							-1570.0	34.8	7.3	-396.8	65.9
		-38.9	4.9	3008	1623	-12.9	3.0					
8TH	103.25							-1531.1	29.9	7.7	-376.7	65.0
		-39.0	5.0	3008	1623	-13.0	3.1					
9TH	116.25							-1492.1	25.0	8.1	-357.0	64.5
		-39.2	5.1	3008	1623	-13.0	3.1					
10TH	129.25							-1452.9	19 9	8.4	-337.9	64.3
		-39.3	5.2	3008	1623	-13.1	3 2					
11TH	142 25							-1413.6	14.7	8.6	-319.2	64.5
		-38.9	5.2	3008	1623	-12.9	3.2					
12TH	155.25							-1374.7	9.5	8.7	-301.1	64.6
		-39.0	4.9	3008	1623	-13.0	3.0					
13TH	168.25							-1335.7	4.6	8.8	-283.5	64.3
		-39.1	4.6	3008	1623	-13.0	2.8					
14TH	181.25							-1296.6	.0	8.9	-266.4	63.6
		-39.2	4.3	3008	1623	-13.0	2.7					
15TH	194.25							-1257.4	-4 3	8.8	-249.8	62.3
		-39.3	4.0	3008	1623	-13.1	2.5					
16TH	207.25							-1218.1	-8.3	8.8	-233.7	60.6
		-39.6	3.8	3008	1623	-13.2	2.4					
17TH	220.25							-1178.5	-12.1	8.6	-218.1	58.8
		-39.5	3.7	3008	1623	-13.1	2.3					
18TH	233.25							-1139.0	-15.8	8.4	-203.1	56.8
		-39.4	3.6	3008	1623	-13.1	2.2					
19TH	246.25							-1099.6	-19.4	8.2	-188.5	54.9
		-39.2	3.5	3008	1623	-13.0	2.1					
20TH	259.25							-1060.4	-22.9	7.9	-174.5	52.9
		-39.1	3.4	3008	1623	-13.0	2.1					
21ST	272.25							-1021.2	-26.2	7.6	-160.9	50.8
		-39.9	3.0	3008	1623	-13.3	1.8					
22ND	285.25							-981 4	-29 2	7.3	-147.9	48.7
		-40.6	2.6	3008	1623	-13 5	1.6					
23RD	298.25							-940.7	-31.8	6.9	-135.4	46.6
		-41.4	2.2	3008	1623	-13.8	1.3					
24TH	311.25							-899.3	-34.0	6.4	-123.5	44.4
		-42.2	1.7	3008	1623	-14 0	1.1					
25TH	324 25							-857.2	-35.7	6.0	-112.1	42.3
		-42.7	1.3	3008	1623	-14.2	8					
26TH	337.25							-814.5	-37.0	5.5	-101 2	40.1
		-42.6	.5	3008	1623	-14.2	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25	-42.5	-.3	3008	1623	-14.1	-.2	-771.8	-37.5	5.0	-90.9	37.9
28TH	363.25	-42.4	-1.0	3008	1623	-14.1	-.6	-729.3	-37.2	4.5	-81.1	35.7
29TH	376.25	-42.3	-1.8	3008	1623	-14.1	-1.1	-686.9	-36.2	4.1	-71.9	33.5
30TH	389.25	-42.2	-2.3	3008	1623	-14.0	-1.4	-644.6	-34.3	3.6	-63.3	31.3
31ST	402.25	-42.2	-2.3	3008	1623	-14.0	-1.4	-602.3	-32.0	3.2	-55.2	29.1
32ND	415.25	-42.2	-2.2	3008	1623	-14.0	-1.3	-560.1	-29.7	2.8	-47.6	26.9
33RD	428.25	-42.3	-2.1	3008	1623	-14.0	-1.3	-517.9	-27.6	2.4	-40.6	24.7
34TH	441.25	-42.3	-2.0	3008	1623	-14.1	-1.2	-475.6	-25.5	2.1	-34.1	22.4
35TH	454.25	-42.8	-1.9	3008	1623	-14.2	-1.2	-433.3	-23.5	1.7	-28.2	20.2
36TH	467.25	-43.4	-1.9	3008	1623	-14.4	-1.2	-390.5	-21.5	1.4	-22.9	17.9
37TH	480.25	-44.0	-1.9	3008	1623	-14.6	-1.1	-347.1	-19.6	1.2	-18.1	15.5
38TH	493.25	-44.6	-1.8	3008	1623	-14.8	-1.1	-303.1	-17.8	.9	-13.9	13.2
39TH	506.25	-45.2	-1.8	3008	1623	-15.0	-1.1	-258.4	-16.0	.7	-10.2	10.7
40TH	519.25	-45.4	-2.3	3008	1623	-15.1	-1.4	-213.2	-14.2	.5	-7.1	8.2
41ST	532.25	-45.5	-3.0	3008	1623	-15.1	-1.9	-167.8	-11.8	.4	-4.7	5.9
42ND	545.25	-51.1	-2.8	4002	2171	-12.8	-1.3	-122.2	-8.8	.2	-2.8	3.7
PENT	563.25	-71.2	-5.9	6390	3472	-11.1	-1.7	-71.2	-5.9	.1	-1.0	1.8
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2042.6	-231.5	95.2	-610.3	59.4
		-85.6	-5.2	5843	3152	-14.6	-1.7					
2ND	25.25							-1957.1	-226.2	89.4	-559.8	57.8
		-44.1	-1.8	3008	1623	-14.6	-1.1					
3RD	38.25							-1913.0	-224.5	86.5	-534.7	56.9
		-43.9	-1.1	3008	1623	-14.6	-.7					
4TH	51.25							-1869.1	-223.4	83.6	-510.1	56.0
		-43.7	-.4	3008	1623	-14.5	-.2					
5TH	64.25							-1825.4	-223.0	80.7	-486.1	55.0
		-43.5	.4	3008	1623	-14.5	.2					
6TH	77.25							-1781.9	-223.4	77.8	-462.6	54.0
		-43.4	1.0	3008	1623	-14.4	.6					
7TH	90.25							-1738.5	-224.5	74.9	-439.7	53.0
		-42.7	.9	3008	1623	-14.2	.5					
8TH	103.25							-1695.8	-225.3	72.0	-417.4	52.3
		-42.1	.7	3008	1623	-14.0	.4					
9TH	116.25							-1653.7	-226.0	69.0	-395.7	52.0
		-41.4	.5	3008	1623	-13.8	.3					
10TH	129.25							-1612.3	-226.5	66.1	-374.4	51.9
		-40.7	.3	3008	1623	-13.5	.2					
11TH	142.25							-1571.6	-226.8	63.1	-353.7	52.3
		-40.6	-.0	3008	1623	-13.5	-.0					
12TH	155.25							-1531.1	-226.7	60.2	-333.6	52.6
		-41.6	-.8	3008	1623	-13.8	-.5					
13TH	168.25							-1489.4	-225.9	57.3	-313.9	52.4
		-42.7	-1.6	3008	1623	-14.2	-1.0					
14TH	181.25							-1446.7	-224.3	54.3	-294.8	51.9
		-43.8	-2.4	3008	1623	-14.5	-1.5					
15TH	194.25							-1403.0	-221.9	51.4	-276.3	51.0
		-44.8	-3.2	3008	1623	-14.9	-1.9					
16TH	207.25							-1358.2	-218.8	48.6	-258.4	49.6
		-45.4	-3.5	3008	1623	-15.1	-2.2					
17TH	220.25							-1312.8	-215.3	45.7	-241.0	48.1
		-45.6	-3.5	3008	1623	-15.2	-2.2					
18TH	233.25							-1267.2	-211.8	43.0	-224.2	46.6
		-45.8	-3.5	3008	1623	-15.2	-2.2					
19TH	246.25							-1221.3	-208.2	40.2	-208.1	45.0
		-46.1	-3.5	3008	1623	-15.3	-2.2					
20TH	259.25							-1175.3	-204.7	37.6	-192.5	43.3
		-46.3	-3.6	3008	1623	-15.4	-2.2					
21ST	272.25							-1128.9	-201.1	34.9	-177.5	41.6
		-46.3	-4.0	3008	1623	-15.4	-2.5					
22ND	285.25							-1082.6	-197.1	32.3	-163.1	39.9
		-46.3	-4.7	3008	1623	-15.4	-2.9					
23RD	298.25							-1036.3	-192.4	29.8	-149.4	38.2
		-46.3	-5.3	3008	1623	-15.4	-3.2					
24TH	311.25							-990.0	-187.1	27.3	-136.2	36.4
		-46.3	-5.9	3008	1623	-15.4	-3.6					
25TH	324.25							-943.7	-181.3	24.9	-123.6	34.6
		-46.3	-6.5	3008	1623	-15.4	-4.0					
26TH	337.25							-897.4	-174.8	22.6	-111.7	32.8
		-46.2	-7.0	3008	1623	-15.4	-4.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-851.2	-167.8	20.4	-100.3	31.0
		-46.2	-7.4	3008	1623	-15.4	-4.6					
28TH	363.25							-805.1	-160.4	18.3	-89.5	29.2
		-46.1	-7.9	3008	1623	-15.3	-4.9					
29TH	376.25							-758.9	-152.5	16.2	-79.4	27.4
		-46.1	-8.4	3008	1623	-15.3	-5.2					
30TH	389.25							-712.8	-144.1	14.3	-69.8	25.6
		-46.2	-8.8	3008	1623	-15.4	-5.4					
31ST	402 25							-666.6	-135.3	12.5	-60.8	23.8
		-46.9	-9.1	3008	1623	-15.6	-5.6					
32ND	415.25							-619.7	-126.2	10.8	-52.5	22.0
		-47.5	-9.4	3008	1623	-15.8	-5.8					
33RD	428.25							-572.2	-116.9	9.2	-44.7	20.2
		-48.1	-9.6	3008	1623	-16.0	-5.9					
34TH	441.25							-524.2	-107.2	7.7	-37.6	18.3
		-48.7	-9.9	3008	1623	-16.2	-6.1					
35TH	454.25							-475.5	-97.3	6.4	-31.1	16.5
		-48.8	-9.9	3008	1623	-16.2	-6.1					
36TH	467.25							-426.6	-87.4	5.2	-25.2	14.6
		-48.6	-9.7	3008	1623	-16.1	-6.0					
37TH	480.25							-378.1	-77.7	4.1	-20.0	12.7
		-48.3	-9.5	3008	1623	-16.1	-5.9					
38TH	493.25							-329.8	-68.2	3.2	-15.4	10.8
		-48.0	-9.3	3008	1623	-16.0	-5.7					
39TH	506.25							-281.7	-58.9	2.4	-11.4	8.9
		-47.8	-9.1	3008	1623	-15.9	-5.6					
40TH	519.25							-233.9	-49.8	1.7	-8.1	7.0
		-47.4	-10.4	3008	1623	-15.8	-6.4					
41ST	532.25							-186.5	-39.4	1.1	-5.3	5.1
		-47.0	-12.0	3008	1623	-15.6	-7.4					
42ND	545.25							-139 5	-27.5	.6	-3.2	3.4
		-56.1	-10.7	4002	2171	-14.0	-4.9					
PENT	563.25							-83 5	-16.8	.2	-1.2	1.8
		-83.5	-16.8	6390	3472	-13.1	-4.8					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							-2244.9	-293.0	97.4	-689.4	38.8
2ND	25.25	-83.9	-8.1	5843	3152	-14.4	-2.6	-2160.9	-284.9	90.1	-633.8	37.6
3RD	38.25	-42.8	-4.3	3008	1623	-14.2	-2.7	-2118.1	-280.5	86.4	-606.0	37.1
4TH	51.25	-43.8	-4.6	3008	1623	-14.6	-2.8	-2074.3	-276.0	82.8	-578.7	36.5
5TH	64.25	-44.8	-4.8	3008	1623	-14.9	-3.0	-2029.5	-271.2	79.2	-552.1	35.9
6TH	77.25	-45.8	-5.0	3008	1623	-15.2	-3.1	-1983.7	-266.2	75.7	-526.0	35.3
7TH	90.25	-46.1	-5.2	3008	1623	-15.3	-3.2	-1937.6	-260.9	72.3	-500.5	34.7
8TH	103.25	-44.3	-5.1	3008	1623	-14.7	-3.2	-1893.3	-255.8	68.9	-475.6	34.4
9TH	116.25	-42.4	-5.0	3008	1623	-14.1	-3.1	-1850.9	-250.8	65.6	-451.2	34.3
10TH	129.25	-40.6	-4.9	3008	1623	-13.5	-3.0	-1810.4	-245.9	62.4	-427.5	34.4
11TH	142.25	-38.7	-4.8	3008	1623	-12.9	-3.0	-1771.7	-241.1	59.2	-404.2	34.8
12TH	155.25	-39.2	-4.8	3008	1623	-13.0	-3.0	-1732.5	-236.2	56.1	-381.4	35.1
13TH	168.25	-41.8	-5.1	3008	1623	-13.9	-3.2	-1690.6	-231.1	53.1	-359.1	35.1
14TH	181.25	-44.5	-5.4	3008	1623	-14.8	-3.4	-1646.1	-225.6	50.1	-337.5	34.8
15TH	194.25	-47.1	-5.8	3008	1623	-15.7	-3.5	-1599.0	-219.9	47.2	-316.4	34.2
16TH	207.25	-49.8	-6.1	3008	1623	-16.6	-3.7	-1549.2	-213.8	44.4	-295.9	33.3
17TH	220.25	-50.6	-6.2	3008	1623	-16.8	-3.8	-1498.6	-207.6	41.7	-276.1	32.3
18TH	233.25	-50.7	-6.1	3008	1623	-16.9	-3.8	-1447.9	-201.5	39.0	-256.9	31.3
19TH	246.25	-50.9	-6.1	3008	1623	-16.9	-3.7	-1397.0	-195.4	36.4	-238.4	30.3
20TH	259.25	-51.1	-6.0	3008	1623	-17.0	-3.7	-1345.9	-189.4	33.9	-220.6	29.3
21ST	272.25	-51.3	-5.9	3008	1623	-17.0	-3.7	-1294.6	-183.5	31.5	-203.4	28.2
22ND	285.25	-51.6	-5.9	3008	1623	-17.2	-3.6	-1243.0	-177.6	29.2	-187.0	27.2
23RD	298.25	-52.0	-5.8	3008	1623	-17.3	-3.6	-1191.0	-171.8	26.9	-171.1	26.1
24TH	311.25	-52.4	-5.8	3008	1623	-17.4	-3.6	-1138.5	-166.0	24.7	-156.0	24.9
25TH	324.25	-52.8	-5.7	3008	1623	-17.6	-3.5	-1085.7	-160.3	22.6	-141.5	23.8
26TH	337.25	-53.1	-5.7	3008	1623	-17.7	-3.5	-1032.6	-154.6	20.5	-127.8	22.5
		-53.2	-6.0	3008	1623	-17.7	-3.7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF PRESS. = 30
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-979.4	-148.6	18.6	-114.7	21.3
		-53.4	-6.3	3008	1623	-17.7	-3.9					
28TH	363.25							-926.0	-142.3	16.7	-102.3	20.1
		-53.5	-6.5	3008	1623	-17.8	-4.0					
29TH	376.25							-872.5	-135.8	14.9	-90.6	18.9
		-53.6	-6.8	3008	1623	-17.8	-4.2					
30TH	389.25							-818.9	-129.0	13.1	-79.6	17.7
		-53.9	-7.1	3008	1623	-17.9	-4.4					
31ST	402.25							-765.0	-121.9	11.5	-69.3	16.5
		-54.5	-7.5	3008	1623	-18.1	-4.6					
32ND	415.25							-710.5	-114.4	10.0	-59.7	15.3
		-55.1	-7.8	3008	1623	-18.3	-4.8					
33RD	428.25							-655.3	-106.6	8.5	-50.9	14.0
		-55.7	-8.2	3008	1623	-18.5	-5.1					
34TH	441.25							-599.6	-98.4	7.2	-42.7	12.7
		-56.3	-8.6	3008	1623	-18.7	-5.3					
35TH	454.25							-543.2	-89.8	6.0	-35.3	11.4
		-56.5	-8.7	3008	1623	-18.8	-5.4					
36TH	467.25							-486.8	-81.1	4.9	-28.6	10.1
		-56.3	-8.7	3008	1623	-18.7	-5.4					
37TH	480.25							-430.5	-72.4	3.9	-22.6	8.8
		-56.1	-8.7	3008	1623	-18.6	-5.4					
38TH	493.25							-374.4	-63.7	3.0	-17.4	7.4
		-55.9	-8.7	3008	1623	-18.6	-5.4					
39TH	506.25							-318.5	-54.9	2.2	-12.9	6.0
		-55.6	-8.7	3008	1623	-18.5	-5.4					
40TH	519.25							-262.9	-46.2	1.6	-9.1	4.6
		-53.9	-9.5	3008	1623	-17.9	-5.9					
41ST	532.25							-209.0	-36.7	1.0	-6.0	3.2
		-52.2	-10.5	3008	1623	-17.3	-6.5					
42ND	545.25							-156.8	-26.3	.6	-3.6	2.0
		-61.6	-10.0	4002	2171	-15.4	-4.6					
PENT	563.25							-95.2	-16.2	.2	-1.4	1.1
		-95.2	-16.2	6390	3472	-14.9	-4.7					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2344.7	-238.6	67.7	-728.9	17.1
		-85.9	-10.2	5843	3152	-14.7	-3.2					
2ND	25.25							-2258.8	-228.4	61.8	-670.8	16.5
		-44.9	-4.5	3008	1623	-14.9	-2.8					
3RD	38.25							-2213.9	-223.9	58.9	-641.8	16.3
		-45.4	-4.8	3008	1623	-15.1	-2.9					
4TH	51.25							-2168.5	-219.1	56.0	-613.3	16.1
		-45.8	-5.0	3008	1623	-15.2	-3.1					
5TH	64.25							-2122.6	-214.1	53.2	-585.4	15.8
		-46.3	-5.3	3008	1623	-15.4	-3.2					
6TH	77.25							-2076.3	-208.8	50.4	-558.1	15.6
		-45.9	-5.5	3008	1623	-15.3	-3.4					
7TH	90.25							-2030.4	-203.3	47.7	-531.4	15.5
		-43.6	-5.7	3008	1623	-14.5	-3.5					
8TH	103.25							-1986.8	-197.6	45.1	-505.3	15.4
		-41.4	-5.9	3008	1623	-13.8	-3.6					
9TH	116.25							-1945.4	-191.7	42.6	-479.7	15.5
		-39.1	-6.1	3008	1623	-13.0	-3.7					
10TH	129.25							-1906.3	-185.6	40.2	-454.7	15.7
		-36.8	-6.3	3008	1623	-12.2	-3.9					
11TH	142.25							-1869.5	-179.4	37.8	-430.1	16.0
		-38.0	-6.4	3008	1623	-12.6	-3.9					
12TH	155.25							-1831.5	-173.0	35.5	-406.1	16.2
		-41.7	-6.4	3008	1623	-13.9	-3.9					
13TH	168.25							-1789.8	-166.6	33.3	-382.5	16.2
		-45.4	-6.4	3008	1623	-15.1	-4.0					
14TH	181.25							-1744.4	-160.2	31.2	-359.6	16.1
		-49.1	-6.4	3008	1623	-16.3	-4.0					
15TH	194.25							-1695.3	-153.7	29.1	-337.2	15.9
		-52.7	-6.4	3008	1623	-17.5	-4.0					
16TH	207.25							-1642.6	-147.3	27.2	-315.5	15.5
		-53.6	-6.4	3008	1623	-17.8	-3.9					
17TH	220.25							-1589.0	-141.0	25.3	-294.5	15.0
		-53.9	-6.2	3008	1623	-17.9	-3.8					
18TH	233.25							-1535.1	-134.7	23.5	-274.2	14.6
		-54.1	-6.1	3008	1623	-18.0	-3.7					
19TH	246.25							-1480.9	-128.7	21.8	-254.6	14.1
		-54.4	-5.9	3008	1623	-18.1	-3.7					
20TH	259.25							-1426.5	-122.7	20.1	-235.7	13.6
		-54.6	-5.8	3008	1623	-18.2	-3.6					
21ST	272.25							-1371.9	-117.0	18.6	-217.5	13.0
		-54.7	-5.6	3008	1623	-18.2	-3.4					
22ND	285.25							-1317.2	-111.4	17.1	-200.0	12.5
		-54.8	-5.4	3008	1623	-18.2	-3.3					
23RD	298.25							-1262.4	-106.0	15.7	-183.3	11.9
		-54.9	-5.1	3008	1623	-18.2	-3.2					
24TH	311.25							-1207.5	-100.9	14.3	-167.2	11.4
		-55.0	-4.9	3008	1623	-18.3	-3.0					
25TH	324.25							-1152.5	-96.0	13.1	-151.9	10.8
		-55.0	-4.7	3008	1623	-18.3	-2.9					
26TH	337.25							-1097.5	-91.3	11.9	-137.2	10.3
		-55.3	-4.5	3008	1623	-18.4	-2.8					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-1042.3	-86.8	10.7	-123.3	9.8
		-55.5	-4.3	3008	1623	-18.5	-2.6					
28TH	363.25							-986.8	-82.5	9.6	-110.1	9.2
		-55.8	-4.0	3008	1623	-18.5	-2.5					
29TH	376.25							-931.0	-78.5	8.5	-97.7	8.7
		-56.0	-3.8	3008	1623	-18.6	-2.3					
30TH	389.25							-874.9	-74.7	7.5	-85.9	8.1
		-56.5	-3.8	3008	1623	-18.8	-2.3					
31ST	402.25							-818.5	-70.9	6.6	-74.9	7.6
		-57.0	-4.2	3008	1623	-18.9	-2.6					
32ND	415.25							-761.5	-66.8	5.7	-64.7	7.0
		-57.5	-4.5	3008	1623	-19.1	-2.8					
33RD	428.25							-704.1	-62.2	4.9	-55.1	6.3
		-57.9	-4.9	3008	1623	-19.3	-3.0					
34TH	441.25							-646.1	-57.3	4.1	-46.4	5.7
		-58.4	-5.3	3008	1623	-19.4	-3.3					
35TH	454.25							-587.7	-52.0	3.4	-38.3	5.0
		-58.9	-5.4	3008	1623	-19.6	-3.3					
36TH	467.25							-528.7	-46.6	2.7	-31.1	4.3
		-59.5	-5.3	3008	1623	-19.8	-3.3					
37TH	480.25							-469.2	-41.3	2.2	-24.6	3.6
		-60.1	-5.2	3008	1623	-20.0	-3.2					
38TH	493.25							-409.2	-36.1	1.7	-18.9	2.9
		-60.7	-5.1	3008	1623	-20.2	-3.2					
39TH	506.25							-348.5	-30.9	1.2	-14.0	2.2
		-61.1	-5.1	3008	1623	-20.3	-3.1					
40TH	519.25							-287.4	-25.9	.9	-9.8	1.5
		-60.0	-5.6	3008	1623	-20.0	-3.4					
41ST	532.25							-227.4	-20.3	.6	-6.5	.8
		-58.9	-6.2	3008	1623	-19.6	-3.8					
42ND	545.25							-168.5	-14.0	.3	-3.9	.1
		-66.5	-5.1	4002	2171	-16.6	-2.4					
PENT	563.25							-102.0	-8.9	.1	-1.5	.1
		-102.0	-8.9	6390	3472	-16.0	-2.6					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2394.1	-98.6	13.1	-751.0	-6.5
		-85.2	-8.8	5843	3152	-14.6	-2.8					
2ND	25.25							-2308.9	-89.8	10.7	-691.6	-6.1
		-42.5	-3.4	3008	1623	-14.1	-2.1					
3RD	38.25							-2266.4	-86.3	9.5	-661.9	-5.9
		-44.1	-4.0	3008	1623	-14.7	-2.5					
4TH	51.25							-2222.3	-82.3	8.4	-632.7	-5.6
		-45.6	-4.5	3008	1623	-15.2	-2.8					
5TH	64.25							-2176.7	-77.8	7.4	-604.1	-5.3
		-47.2	-5.1	3008	1623	-15.7	-3.1					
6TH	77.25							-2129.5	-72.7	6.4	-576.1	-5.0
		-47.1	-5.6	3008	1623	-15.7	-3.5					
7TH	90.25							-2082.4	-67.1	5.5	-548.7	-4.6
		-43.9	-5.5	3008	1623	-14.6	-3.4					
8TH	103.25							-2038.5	-61.6	4.7	-522.0	-4.4
		-40.6	-5.4	3008	1623	-13.5	-3.3					
9TH	116.25							-1997.9	-56.2	3.9	-495.7	-4.1
		-37.3	-5.3	3008	1623	-12.4	-3.3					
10TH	129.25							-1960.6	-50.9	3.2	-470.0	-4.0
		-34.0	-5.2	3008	1623	-11.3	-3.2					
11TH	142.25							-1926.5	-45.7	2.6	-444.7	-4.0
		-35.9	-5.0	3008	1623	-11.9	-3.1					
12TH	155.25							-1890.6	-40.6	2.0	-419.9	-4.0
		-40.6	-4.7	3008	1623	-13.5	-2.9					
13TH	168.25							-1850.0	-35.9	1.5	-395.6	-4.0
		-45.3	-4.4	3008	1623	-15.1	-2.7					
14TH	181.25							-1804.7	-31.6	1.1	-371.8	-4.0
		-50.0	-4.0	3008	1623	-16.6	-2.5					
15TH	194.25							-1754.7	-27.5	.7	-348.7	-4.0
		-54.7	-3.7	3008	1623	-18.2	-2.3					
16TH	207.25							-1700.0	-23.8	.4	-326.3	-3.9
		-55.4	-3.4	3008	1623	-18.4	-2.1					
17TH	220.25							-1644.6	-20.4	.1	-304.5	-3.8
		-55.7	-3.2	3008	1623	-18.5	-2.0					
18TH	233.25							-1588.9	-17.2	-.2	-283.5	-3.7
		-56.0	-3.0	3008	1623	-18.6	-1.8					
19TH	246.25							-1533.0	-14.3	-.4	-263.2	-3.5
		-56.3	-2.7	3008	1623	-18.7	-1.7					
20TH	259.25							-1476.7	-11.5	-.5	-243.6	-3.4
		-56.6	-2.5	3008	1623	-18.8	-1.5					
21ST	272.25							-1420.1	-9.0	-.7	-224.8	-3.3
		-56.7	-2.3	3008	1623	-18.9	-1.4					
22ND	285.25							-1363.4	-6.7	-.8	-206.7	-3.2
		-56.8	-2.1	3008	1623	-18.9	-1.3					
23RD	298.25							-1306.6	-4.6	-.8	-189.4	-3.1
		-56.8	-1.9	3008	1623	-18.9	-1.2					
24TH	311.25							-1249.8	-2.8	-.9	-172.7	-3.0
		-56.8	-1.7	3008	1623	-18.9	-1.0					
25TH	324.25							-1193.0	-1.1	-.9	-156.9	-2.9
		-56.8	-1.5	3008	1623	-18.9	-.9					
26TH	337.25							-1136.3	.4	-.9	-141.7	-2.8
		-57.0	-1.2	3008	1623	-19.0	-.8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25	-57.3	-1.0	3008	1623	-19.0	-.6	-1079.3	1.6	-.9	-127.3	-2.7
28TH	363.25	-57.5	-.8	3008	1623	-19.1	-.5	-1022.0	2.6	-.9	-113.7	-2.6
29TH	376.25	-57.8	-.6	3008	1623	-19.2	-.4	-964.4	3.5	-.8	-100.8	-2.5
30TH	389.25	-58.5	-.4	3008	1623	-19.4	-.3	-906.6	4.0	-.8	-88.6	-2.5
31ST	402.25	-59.3	-.3	3008	1623	-19.7	-.2	-848.1	4.5	-.7	-77.2	-2.4
32ND	415.25	-60.1	-.2	3008	1623	-20.0	-.1	-788.8	4.8	-.7	-66.5	-2.3
33RD	428.25	-61.0	-.2	3008	1623	-20.3	-.1	-728.7	5.0	-.6	-56.7	-2.3
34TH	441.25	-61.8	-.1	3008	1623	-20.5	-.0	-667.7	5.2	-.6	-47.6	-2.2
35TH	454.25	-62.0	.0	3008	1623	-20.6	.0	-605.9	5.3	-.5	-39.3	-2.2
36TH	467.25	-62.2	.1	3008	1623	-20.7	.1	-544.0	5.2	-.4	-31.9	-2.1
37TH	480.25	-62.3	.3	3008	1623	-20.7	.2	-481.8	5.1	-.3	-25.2	-2.1
38TH	493.25	-62.5	.4	3008	1623	-20.8	.2	-419.5	4.8	-.3	-19.3	-2.1
39TH	506.25	-62.6	.5	3008	1623	-20.8	.3	-356.9	4.5	-.2	-14.3	-2.0
40TH	519.25	-61.7	.2	3008	1623	-20.5	.1	-294.3	4.0	-.2	-10.0	-2.0
41ST	532.25	-60.8	-.1	3008	1623	-20.2	-.1	-232.6	3.8	-.1	-6.6	-1.9
42ND	545.25	-67.9	2.5	4002	2171	-17.0	1.1	-171.9	3.9	-.1	-4.0	-1.8
PENT	563.25	-104.0	1.4	6390	3472	-16.3	.4	-104.0	1.4	-.0	-1.5	-1.1
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2315.3	93.0	-48.6	-725.1	-28.0
		-89.2	-1.6	5843	3152	-15.3	-.5					
2ND	25.25							-2226.1	94.6	-46.2	-667.8	-27.1
		-44.3	-.1	3008	1623	-14.7	-.1					
3RD	38.25							-2181.8	94.7	-45.0	-639.2	-26.5
		-45.3	-.9	3008	1623	-15.1	-.5					
4TH	51.25							-2136.5	95.6	-43.7	-611.1	-26.0
		-46.2	-1.7	3008	1623	-15.4	-1.0					
5TH	64.25							-2090.3	97.2	-42.5	-583.6	-25.4
		-47.1	-2.4	3008	1623	-15.7	-1.5					
6TH	77.25							-2043.2	99.7	-41.2	-556.8	-24.7
		-45.9	-3.2	3008	1623	-15.3	-2.0					
7TH	90.25							-1997.3	102.8	-39.9	-530.5	-24.0
		-41.4	-2.8	3008	1623	-13.8	-1.7					
8TH	103.25							-1955.8	105.6	-38.5	-504.8	-23.5
		-37.0	-2.5	3008	1623	-12.3	-1.5					
9TH	116.25							-1918.8	108.1	-37.1	-479.6	-23.3
		-32.5	-2.1	3008	1623	-10.8	-1.3					
10TH	129.25							-1886.3	110.3	-35.7	-454.9	-23.3
		-28.1	-1.8	3008	1623	-9.3	-1.1					
11TH	142.25							-1858.2	112.1	-34.3	-430.5	-23.6
		-30.6	-1.4	3008	1623	-10.2	-.9					
12TH	155.25							-1827.7	113.5	-32.8	-406.6	-24.0
		-36.3	-1.1	3008	1623	-12.1	-.7					
13TH	168.25							-1791.4	114.6	-31.3	-383.1	-24.1
		-42.0	-.8	3008	1623	-14.0	-.5					
14TH	181.25							-1749.4	115.4	-29.8	-360.0	-24.0
		-47.7	-.4	3008	1623	-15.8	-.3					
15TH	194.25							-1701.8	115.8	-28.3	-337.6	-23.7
		-53.4	-.1	3008	1623	-17.7	-.0					
16TH	207.25							-1648.4	115.9	-26.8	-315.8	-23.2
		-53.8	.3	3008	1623	-17.9	.2					
17TH	220.25							-1594.6	115.5	-25.3	-294.8	-22.6
		-53.7	.7	3008	1623	-17.9	.4					
18TH	233.25							-1540.8	114.8	-23.8	-274.4	-21.9
		-53.7	1.1	3008	1623	-17.8	.7					
19TH	246.25							-1487.2	113.7	-22.3	-254.7	-21.3
		-53.6	1.6	3008	1623	-17.8	1.0					
20TH	259.25							-1433.6	112.1	-20.9	-235.7	-20.6
		-53.6	2.0	3008	1623	-17.8	1.2					
21ST	272.25							-1380.0	110.2	-19.4	-217.4	-19.9
		-54.3	2.3	3008	1623	-18.0	1.4					
22ND	285.25							-1325.7	107.9	-18.0	-199.8	-19.1
		-55.0	2.5	3008	1623	-18.3	1.6					
23RD	298.25							-1270.7	105.4	-16.6	-183.0	-18.4
		-55.7	2.8	3008	1623	-18.5	1.7					
24TH	311.25							-1215.0	102.6	-15.3	-166.8	-17.6
		-56.5	3.0	3008	1623	-18.8	1.9					
25TH	324.25							-1158.5	99.6	-13.9	-151.4	-16.8
		-56.9	3.3	3008	1623	-18.9	2.0					
26TH	337.25							-1101.7	96.3	-12.7	-136.7	-15.9
		-57.0	3.6	3008	1623	-18.9	2.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-1044.7	92.6	-11.4	-122.7	-15.1
		-57.1	4.0	3008	1623	-19.0	2.4					
28TH	363.25							-987.6	88.7	-10.3	-109.5	-14.3
		-57.2	4.3	3008	1623	-19.0	2.7					
29TH	376.25							-930.3	84.4	-9.1	-97.1	-13.6
		-57.4	4.6	3008	1623	-19.1	2.9					
30TH	389.25							-873.0	79.7	-8.1	-85.3	-12.9
		-57.6	4.9	3008	1623	-19.2	3.0					
31ST	402.25							-815.3	74.8	-7.1	-74.4	-12.1
		-57.8	5.0	3008	1623	-19.2	3.1					
32ND	415.25							-757.5	69.9	-6.1	-64.1	-11.4
		-58.0	5.0	3008	1623	-19.3	3.1					
33RD	428.25							-699.5	64.9	-5.3	-54.7	-10.7
		-58.2	5.1	3008	1623	-19.3	3.1					
34TH	441.25							-641.4	59.8	-4.4	-45.9	-9.9
		-58.3	5.2	3008	1623	-19.4	3.2					
35TH	454.25							-583.0	54.6	-3.7	-38.0	-9.1
		-58.6	5.2	3008	1623	-19.5	3.2					
36TH	467.25							-524.4	49.4	-3.0	-30.8	-8.3
		-59.1	5.2	3008	1623	-19.7	3.2					
37TH	480.25							-465.3	44.2	-2.4	-24.4	-7.5
		-59.7	5.2	3008	1623	-19.8	3.2					
38TH	493.25							-405.6	39.0	-1.9	-18.7	-6.7
		-60.2	5.2	3008	1623	-20.0	3.2					
39TH	506.25							-345.4	33.7	-1.4	-13.8	-5.9
		-60.6	5.2	3008	1623	-20.1	3.2					
40TH	519.25							-284.8	28.5	-1.0	-9.7	-5.1
		-60.0	5.1	3008	1623	-19.9	3.2					
41ST	532.25							-224.9	23.4	-.7	-6.4	-4.4
		-59.3	5.0	3008	1623	-19.7	3.1					
42ND	545.25							-165.6	18.4	-.4	-3.9	-3.6
		-64.6	8.7	4002	2171	-16.1	4.0					
PENT	563.25							-101.0	9.7	-.1	-1.5	-2.0
		-101.0	9.7	6390	3472	-15.8	2.8					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							-2132.6	229.2	-93.6	-675.2	-48.2
2ND	25.25	-81.0	2.8	5843	3152	-13.9	.9	-2051.6	226.4	-87.9	-622.4	-46.7
3RD	38.25	-39.3	3.0	3008	1623	-13.1	1.9	-2012.3	223.4	-84.9	-596.0	-46.0
4TH	51.25	-41.0	2.0	3008	1623	-13.6	1.2	-1971.3	221.4	-82.0	-570.1	-45.1
5TH	64.25	-42.7	.9	3008	1623	-14.2	.6	-1928.6	220.5	-79.2	-544.7	-44.2
6TH	77.25	-44.4	-.2	3008	1623	-14.8	-.1	-1884.2	220.7	-76.3	-520.0	-43.2
7TH	90.25	-43.4	-1.2	3008	1623	-14.4	-.7	-1840.8	221.9	-73.4	-495.7	-42.1
8TH	103.25	-38.1	-.7	3008	1623	-12.7	-.4	-1802.7	222.6	-70.5	-472.1	-41.4
9TH	116.25	-32.7	-.2	3008	1623	-10.9	-.1	-1770.0	222.8	-67.6	-448.8	-41.0
10TH	129.25	-27.3	.3	3008	1623	-9.1	.2	-1742.7	222.5	-64.8	-426.0	-41.0
11TH	142.25	-21.9	.8	3008	1623	-7.3	.5	-1720.8	221.7	-61.9	-403.5	-41.3
12TH	155.25	-24.3	1.2	3008	1623	-8.1	.8	-1696.5	220.5	-59.0	-381.3	-41.7
13TH	168.25	-30.1	1.7	3008	1623	-10.0	1.0	-1666.5	218.8	-56.1	-359.4	-41.8
14TH	181.25	-35.8	2.1	3008	1623	-11.9	1.3	-1630.7	216.7	-53.3	-338.0	-41.5
15TH	194.25	-41.6	2.6	3008	1623	-13.8	1.6	-1589.1	214.1	-50.5	-317.1	-40.9
16TH	207.25	-47.4	3.0	3008	1623	-15.7	1.9	-1541.7	211.1	-47.7	-296.7	-40.0
17TH	220.25	-48.4	3.3	3008	1623	-16.1	2.0	-1493.3	207.9	-45.0	-277.0	-38.8
18TH	233.25	-49.3	3.3	3008	1623	-16.4	2.0	-1444.0	204.5	-42.3	-257.9	-37.7
19TH	246.25	-50.3	3.4	3008	1623	-16.7	2.1	-1393.7	201.2	-39.7	-239.4	-36.5
20TH	259.25	-51.2	3.4	3008	1623	-17.0	2.1	-1342.5	197.7	-37.1	-221.7	-35.3
21ST	272.25	-52.1	3.5	3008	1623	-17.3	2.2	-1290.5	194.2	-34.6	-204.6	-34.2
22ND	285.25	-52.0	3.9	3008	1623	-17.3	2.4	-1238.4	190.4	-32.1	-188.1	-32.9
23RD	298.25	-51.9	4.3	3008	1623	-17.2	2.6	-1186.6	186.1	-29.6	-172.3	-31.7
24TH	311.25	-51.7	4.7	3008	1623	-17.2	2.9	-1134.8	181.3	-27.2	-157.3	-30.4
25TH	324.25	-51.6	5.2	3008	1623	-17.1	3.2	-1083.3	176.2	-24.9	-142.8	-29.1
26TH	337.25	-51.5	5.6	3008	1623	-17.1	3.4	-1031.8	170.6	-22.6	-129.1	-27.8
		-52.0	6.1	3008	1623	-17.3	3.8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-979.7	164.5	-20.5	-116.0	-26.4
		-52.5	6.6	3008	1623	-17.5	4.1					
28TH	363.25							-927.2	157.9	-18.4	-103.6	-25.1
		-53.1	7.1	3008	1623	-17.6	4.4					
29TH	376.25							-874.1	150.8	-16.4	-91.9	-23.8
		-53.6	7.6	3008	1623	-17.8	4.7					
30TH	389.25							-820.6	143.1	-14.5	-80.9	-22.4
		-53.9	8.1	3008	1623	-17.9	5.0					
31ST	402.25							-766.7	135.1	-12.6	-70.6	-21.1
		-53.8	8.4	3008	1623	-17.9	5.2					
32ND	415.25							-712.9	126.7	-10.9	-61.0	-19.7
		-53.7	8.7	3008	1623	-17.9	5.4					
33RD	428.25							-659.2	118.0	-9.4	-52.0	-18.3
		-53.6	9.0	3008	1623	-17.8	5.5					
34TH	441.25							-605.5	109.0	-7.9	-43.8	-16.9
		-53.6	9.3	3008	1623	-17.8	5.7					
35TH	454.25							-552.0	99.7	-6.5	-36.3	-15.4
		-54.1	9.6	3008	1623	-18.0	5.9					
36TH	467.25							-497.9	90.1	-5.3	-29.5	-13.9
		-54.9	9.9	3008	1623	-18.3	6.1					
37TH	480.25							-442.9	80.2	-4.2	-23.4	-12.5
		-55.8	10.2	3008	1623	-18.5	6.3					
38TH	493.25							-387.1	70.0	-3.2	-18.0	-11.0
		-56.6	10.4	3008	1623	-18.8	6.4					
39TH	506.25							-330.5	59.6	-2.4	-13.3	-9.6
		-57.3	10.7	3008	1623	-19.0	6.6					
40TH	519.25							-273.2	48.8	-1.7	-9.4	-8.1
		-56.3	10.4	3008	1623	-18.7	6.4					
41ST	532.25							-216.9	38.5	-1.1	-6.2	-6.7
		-55.4	9.9	3008	1623	-18.4	6.1					
42ND	545.25							-161.6	28.6	-.7	-3.7	-5.3
		-64.5	11.7	4002	2171	-16.1	5.4					
PENT	563.25							-97.0	16.9	-.2	-1.4	-3.0
		-97.0	16.9	6390	3472	-15.2	4.9					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2149.1	186.2	-77.0	-693.1	-58.0
		-75.8	7.5	5843	3152	-13.0	2.4					
2ND	25.25							-2073.3	178.7	-72.4	-639.8	-56.3
		-36.1	4.9	3008	1623	-12.0	3.0					
3RD	38.25							-2037.2	173.8	-70.1	-613.1	-55.5
		-37.8	3.7	3008	1623	-12.6	2.3					
4TH	51.25							-1999.4	170.1	-67.9	-586.8	-54.5
		-39.5	2.6	3008	1623	-13.1	1.6					
5TH	64.25							-1959.9	167.5	-65.7	-561.1	-53.5
		-41.2	1.4	3008	1623	-13.7	.9					
6TH	77.25							-1918.7	166.1	-63.5	-535.9	-52.5
		-40.4	.3	3008	1623	-13.4	.2					
7TH	90.25							-1878.4	165.9	-61.3	-511.2	-51.3
		-35.7	.2	3008	1623	-11.9	.1					
8TH	103.25							-1842.7	165.7	-59.2	-487.0	-50.5
		-31.0	.1	3008	1623	-10.3	.0					
9TH	116.25							-1811.7	165.7	-57.0	-463.2	-50.1
		-26.3	-.0	3008	1623	-8.7	-.0					
10TH	129.25							-1785.5	165.7	-54.9	-439.9	-50.0
		-21.6	-.1	3008	1623	-7.2	-.1					
11TH	142.25							-1763.9	165.8	-52.7	-416.8	-50.2
		-24.1	-.1	3008	1623	-8.0	-.1					
12TH	155.25							-1739.8	165.9	-50.6	-394.0	-50.5
		-29.7	.3	3008	1623	-9.9	.2					
13TH	168.25							-1710.1	165.7	-48.4	-371.6	-50.4
		-35.2	.6	3008	1623	-11.7	.4					
14TH	181.25							-1674.9	165.1	-46.3	-349.6	-49.9
		-40.7	1.0	3008	1623	-13.5	.6					
15TH	194.25							-1634.2	164.1	-44.1	-328.1	-49.1
		-46.3	1.3	3008	1623	-15.4	.8					
16TH	207.25							-1587.9	162.8	-42.0	-307.1	-47.8
		-47.5	1.4	3008	1623	-15.8	.9					
17TH	220.25							-1540.4	161.4	-39.9	-286.8	-46.4
		-48.8	1.3	3008	1623	-16.2	.8					
18TH	233.25							-1491.6	160.1	-37.8	-267.1	-45.0
		-50.2	1.2	3008	1623	-16.7	.7					
19TH	246.25							-1441.4	158.9	-35.7	-248.0	-43.5
		-51.5	1.1	3008	1623	-17.1	.7					
20TH	259.25							-1389.9	157.7	-33.7	-229.6	-42.0
		-52.8	1.0	3008	1623	-17.5	.6					
21ST	272.25							-1337.2	156.7	-31.6	-211.9	-40.5
		-53.1	1.2	3008	1623	-17.6	.7					
22ND	285.25							-1284.1	155.6	-29.6	-194.9	-39.0
		-53.2	1.4	3008	1623	-17.7	.9					
23RD	298.25							-1230.9	154.2	-27.6	-178.5	-37.4
		-53.4	1.6	3008	1623	-17.8	1.0					
24TH	311.25							-1177.4	152.5	-25.6	-162.9	-35.8
		-53.6	1.8	3008	1623	-17.8	1.1					
25TH	324.25							-1123.8	150.7	-23.6	-147.9	-34.2
		-53.8	2.1	3008	1623	-17.9	1.3					
26TH	337.25							-1070.0	148.6	-21.7	-133.6	-32.5
		-53.9	2.9	3008	1623	-17.9	1.8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30.
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								-1016.1	145.6	-19.8	-120.1	-30.9
27TH	350.25	-54.1	3.8	3008	1623	-18.0	2.3					
								-962.0	141.9	-17.9	-107.2	-29.3
28TH	363.25	-54.2	4.6	3008	1623	-18.0	2.8					
								-907.8	137.3	-16.1	-95.1	-27.7
29TH	376.25	-54.4	5.4	3008	1623	-18.1	3.3					
								-853.4	131.9	-14.3	-83.6	-26.2
30TH	389.25	-54.8	6.1	3008	1623	-18.2	3.8					
								-798.5	125.7	-12.6	-72.9	-24.6
31ST	402.25	-55.4	6.5	3008	1623	-18.4	4.0					
								-743.1	119.2	-11.1	-62.9	-23.0
32ND	415.25	-56.0	6.9	3008	1623	-18.6	4.3					
								-687.2	112.3	-9.5	-53.6	-21.4
33RD	428.25	-56.6	7.3	3008	1623	-18.8	4.5					
								-630.6	105.0	-8.1	-45.0	-19.8
34TH	441.25	-57.1	7.7	3008	1623	-19.0	4.7					
								-573.5	97.4	-6.8	-37.2	-18.1
35TH	454.25	-57.7	8.1	3008	1623	-19.2	5.0					
								-515.8	89.3	-5.6	-30.1	-16.4
36TH	467.25	-58.4	8.5	3008	1623	-19.4	5.2					
								-457.4	80.8	-4.5	-23.8	-14.6
37TH	480.25	-59.2	8.9	3008	1623	-19.7	5.5					
								-398.2	71.9	-3.5	-18.2	-12.9
38TH	493.25	-59.9	9.3	3008	1623	-19.9	5.7					
								-338.3	62.6	-2.6	-13.4	-11.2
39TH	506.25	-60.5	9.7	3008	1623	-20.1	6.0					
								-277.8	52.9	-1.9	-9.4	-9.4
40TH	519.25	-58.8	9.9	3008	1623	-19.5	6.1					
								-219.0	43.0	-1.3	-6.2	-7.7
41ST	532.25	-57.0	10.0	3008	1623	-18.9	6.2					
								-162.0	32.9	-.8	-3.7	-6.0
42ND	545.25	-66.1	12.9	4002	2171	-16.5	5.9					
								-95.9	20.0	-.3	-1.4	-3.3
PENT	563.25	-95.9	20.0	6390	3472	-15.0	5.8					
								0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							-2256.2	-57.5	36.8	-734.1	-64.1
		-74.7	12.6	5843	3152	-12.8	4.0					
2ND	25.25							-2181.5	-70.0	35.2	-678.1	-62.5
		-37.3	7.8	3008	1623	-12.4	4.8					
3RD	38.25							-2144.2	-77.8	34.2	-650.0	-61.7
		-38.5	6.5	3008	1623	-12.8	4.0					
4TH	51.25							-2105.7	-84.4	33.2	-622.4	-60.8
		-39.7	5.3	3008	1623	-13.2	3.3					
5TH	64.25							-2066.0	-89.6	32.0	-595.2	-59.9
		-40.9	4.1	3008	1623	-13.6	2.5					
6TH	77.25							-2025.1	-93.7	30.8	-568.7	-58.9
		-39.9	2.8	3008	1623	-13.3	1.8					
7TH	90.25							-1985.2	-96.5	29.6	-542.6	-57.9
		-36.1	2.6	3008	1623	-12.0	1.6					
8TH	103.25							-1949.1	-99.1	28.3	-517.0	-57.2
		-32.2	2.3	3008	1623	-10.7	1.4					
9TH	116.25							-1916.9	-101.5	27.0	-491.9	-56.7
		-28.4	2.1	3008	1623	-9.4	1.3					
10TH	129.25							-1888.5	-103.6	25.7	-467.2	-56.5
		-24.6	1.9	3008	1623	-8.2	1.1					
11TH	142.25							-1863.9	-105.4	24.3	-442.8	-56.5
		-27.2	1.5	3008	1623	-9.1	.9					
12TH	155.25							-1836.7	-106.9	23.0	-418.7	-56.6
		-32.5	.8	3008	1623	-10.8	.5					
13TH	168.25							-1804.2	-107.8	21.6	-395.0	-56.3
		-37.8	.2	3008	1623	-12.6	.1					
14TH	181.25							-1766.4	-107.9	20.2	-371.8	-55.7
		-43.1	-.5	3008	1623	-14.3	-.3					
15TH	194.25							-1723.3	-107.4	18.8	-349.2	-54.7
		-48.3	-1.1	3008	1623	-16.1	-.7					
16TH	207.25							-1675.0	-106.3	17.4	-327.1	-53.4
		-49.2	-1.8	3008	1623	-16.3	-1.1					
17TH	220.25							-1625.8	-104.5	16.0	-305.6	-51.9
		-49.7	-2.4	3008	1623	-16.5	-1.5					
18TH	233.25							-1576.1	-102.1	14.7	-284.8	-50.4
		-50.3	-3.0	3008	1623	-16.7	-1.8					
19TH	246.25							-1525.8	-99.1	13.3	-264.6	-48.9
		-50.9	-3.6	3008	1623	-16.9	-2.2					
20TH	259.25							-1474.9	-95.5	12.1	-245.1	-47.3
		-51.5	-4.2	3008	1623	-17.1	-2.6					
21ST	272.25							-1423.5	-91.3	10.9	-226.3	-45.7
		-52.7	-4.6	3008	1623	-17.5	-2.8					
22ND	285.25							-1370.8	-86.7	9.7	-208.1	-44.1
		-54.0	-4.9	3008	1623	-18.0	-3.1					
23RD	298.25							-1316.7	-81.7	8.6	-190.7	-42.4
		-55.3	-5.3	3008	1623	-18.4	-3.3					
24TH	311.25							-1261.4	-76.4	7.6	-173.9	-40.6
		-56.6	-5.6	3008	1623	-18.8	-3.5					
25TH	324.25							-1204.8	-70.8	6.6	-157.9	-38.7
		-57.7	-5.9	3008	1623	-19.2	-3.6					
26TH	337.25							-1147.1	-64.9	5.7	-142.6	-36.8
		-58.0	-5.5	3008	1623	-19.3	-3.4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 30.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-1089.1	-59.4	4.9	-128.0	-35.0
		-58.4	-5.1	3008	1623	-19.4	-3.2					
28TH	363.25							-1030.7	-54.2	4.2	-114.3	-33.1
		-58.7	-4.7	3008	1623	-19.5	-2.9					
29TH	376.25							-972.1	-49.5	3.5	-101.2	-31.3
		-59.0	-4.3	3008	1623	-19.6	-2.7					
30TH	389.25							-913.0	-45.2	2.9	-89.0	-29.5
		-59.6	-4.1	3008	1623	-19.8	-2.5					
31ST	402.25							-853.4	-41.1	2.3	-77.5	-27.8
		-60.3	-4.3	3008	1623	-20.1	-2.7					
32ND	415.25							-793.1	-36.7	1.8	-66.8	-25.9
		-61.1	-4.5	3008	1623	-20.3	-2.8					
33RD	428.25							-732.0	-32.2	1.4	-56.9	-24.1
		-61.8	-4.7	3008	1623	-20.5	-2.9					
34TH	441.25							-670.3	-27.5	1.0	-47.8	-22.2
		-62.5	-4.9	3008	1623	-20.8	-3.0					
35TH	454.25							-607.8	-22.5	.7	-39.5	-20.2
		-62.6	-4.8	3008	1623	-20.8	-2.9					
36TH	467.25							-545.2	-17.8	.4	-32.0	-18.2
		-62.7	-4.4	3008	1623	-20.8	-2.7					
37TH	480.25							-482.5	-13.4	.2	-25.3	-16.2
		-62.7	-3.9	3008	1623	-20.9	-2.4					
38TH	493.25							-419.7	-9.4	.1	-19.4	-14.2
		-62.8	-3.5	3008	1623	-20.9	-2.2					
39TH	506.25							-356.9	-5.9	-.0	-14.4	-12.2
		-62.7	-3.1	3008	1623	-20.8	-1.9					
40TH	519.25							-294.2	-2.8	-.1	-10.2	-10.1
		-60.7	-2.7	3008	1623	-20.2	-1.7					
41ST	532.25							-233.6	-.1	-.1	-6.7	-8.1
		-58.6	-2.2	3008	1623	-19.5	-1.4					
42ND	545.25							-174.9	2.1	-.1	-4.1	-6.1
		-68.8	-1.0	4002	2171	-17.2	-.5					
PENT	563.25							-106.2	3.1	-.0	-1.5	-3.0
		-106.2	3.1	6390	3472	-16.6	.9					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2604.9	286.7	-63.6	-838.8	-76.5
		-88.4	29.9	5843	3152	-15.1	9.5					
2ND	25.25							-2516.5	256.8	-56.7	-774.1	-74.7
		-44.0	18.2	3008	1623	-14.6	11.2					
3RD	38.25							-2472.5	238.6	-53.5	-741.7	-73.8
		-45.5	16.8	3008	1623	-15.1	10.4					
4TH	51.25							-2427.0	221.7	-50.5	-709.8	-72.9
		-47.0	15.4	3008	1623	-15.6	9.5					
5TH	64.25							-2380.0	206.3	-47.7	-678.6	-71.9
		-48.4	14.0	3008	1623	-16.1	8.7					
6TH	77.25							-2331.6	192.3	-45.2	-647.9	-70.8
		-47.7	12.7	3008	1623	-15.9	7.8					
7TH	90.25							-2283.9	179.6	-42.7	-617.9	-69.6
		-43.9	12.1	3008	1623	-14.6	7.5					
8TH	103.25							-2240.0	167.5	-40.5	-588.5	-68.7
		-40.0	11.6	3008	1623	-13.3	7.2					
9TH	116.25							-2200.0	155.9	-38.4	-559.7	-68.2
		-36.1	11.1	3008	1623	-12.0	6.8					
10TH	129.25							-2163.9	144.8	-36.4	-531.3	-68.0
		-32.3	10.5	3008	1623	-10.7	6.5					
11TH	142.25							-2131.6	134.2	-34.6	-503.4	-68.1
		-35.0	9.9	3008	1623	-11.7	6.1					
12TH	155.25							-2096.5	124.4	-32.9	-475.9	-68.3
		-40.1	8.8	3008	1623	-13.3	5.4					
13TH	168.25							-2056.4	115.6	-31.4	-448.9	-68.1
		-45.2	7.8	3008	1623	-15.0	4.8					
14TH	181.25							-2011.2	107.7	-29.9	-422.5	-67.5
		-50.3	6.8	3008	1623	-16.7	4.2					
15TH	194.25							-1960.8	101.0	-28.6	-396.7	-66.4
		-55.4	5.8	3008	1623	-18.4	3.5					
16TH	207.25							-1905.4	95.2	-27.3	-371.5	-65.0
		-56.4	4.7	3008	1623	-18.7	2.9					
17TH	220.25							-1849.0	90.5	-26.1	-347.1	-63.3
		-57.4	3.6	3008	1623	-19.1	2.2					
18TH	233.25							-1791.6	87.0	-24.9	-323.5	-61.6
		-58.4	2.4	3008	1623	-19.4	1.5					
19TH	246.25							-1733.3	84.6	-23.8	-300.6	-59.9
		-59.4	1.3	3008	1623	-19.7	.8					
20TH	259.25							-1673.9	83.2	-22.7	-278.4	-58.1
		-60.4	.2	3008	1623	-20.1	.1					
21ST	272.25							-1613.6	83.0	-21.6	-257.0	-56.3
		-61.1	.2	3008	1623	-20.3	.1					
22ND	285.25							-1552.5	82.9	-20.6	-236.5	-54.4
		-61.8	.4	3008	1623	-20.5	.3					
23RD	298.25							-1490.7	82.5	-19.5	-216.7	-52.4
		-62.5	.7	3008	1623	-20.8	.4					
24TH	311.25							-1428.2	81.8	-18.4	-197.7	-50.4
		-63.2	.9	3008	1623	-21.0	.6					
25TH	324.25							-1365.0	80.9	-17.4	-179.5	-48.3
		-63.8	1.1	3008	1623	-21.2	.7					
26TH	337.25							-1301.2	79.7	-16.3	-162.2	-46.2
		-64.5	.8	3008	1623	-21.4	.5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-1236.7	79.0	-15.3	-145.7	-44.0
		-65.2	.4	3008	1623	-21.7	.2					
28TH	363.25							-1171.5	78.6	-14.3	-130.1	-41.8
		-65.9	.0	3008	1623	-21.9	.0					
29TH	376.25							-1105.6	78.6	-13.2	-115.3	-39.5
		-66.6	-.4	3008	1623	-22.1	-.2					
30TH	389.25							-1039.1	78.9	-12.2	-101.3	-37.2
		-67.4	-.6	3008	1623	-22.4	-.3					
31ST	402.25							-971.7	79.5	-11.2	-88.3	-34.9
		-68.2	-.4	3008	1623	-22.7	-.2					
32ND	415.25							-903.4	79.9	-10.2	-76.1	-32.5
		-69.1	-.2	3008	1623	-23.0	-.1					
33RD	428.25							-834.4	80.1	-9.1	-64.8	-30.1
		-69.9	-.0	3008	1623	-23.2	-.0					
34TH	441.25							-764.5	80.1	-8.1	-54.4	-27.6
		-70.7	.2	3008	1623	-23.5	.1					
35TH	454.25							-693.8	79.9	-7.0	-44.9	-25.1
		-71.0	1.1	3008	1623	-23.6	.7					
36TH	467.25							-622.7	78.8	-6.0	-36.3	-22.6
		-71.4	2.6	3008	1623	-23.7	1.6					
37TH	480.25							-551.3	76.2	-5.0	-28.7	-20.1
		-71.8	4.1	3008	1623	-23.9	2.5					
38TH	493.25							-479.6	72.1	-4.0	-22.0	-17.5
		-72.1	5.6	3008	1623	-24.0	3.4					
39TH	506.25							-407.5	66.5	-3.1	-16.2	-15.1
		-72.3	7.1	3008	1623	-24.1	4.4					
40TH	519.25							-335.1	59.4	-2.3	-11.4	-12.6
		-70.5	8.3	3008	1623	-23.4	5.1					
41ST	532.25							-264.7	51.1	-1.6	-7.5	-10.1
		-68.3	9.4	3008	1623	-22.7	5.8					
42ND	545.25							-196.3	41.7	-1.0	-4.5	-7.7
		-79.0	15.7	4002	2171	-19.7	7.2					
PENT	563.25							-117.3	26.1	-.4	-1.7	-4.1
		-117.3	26.1	6390	3472	-18.4	7.5					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-1717.8	872.7	-270.2	-538.2	-49.7
2ND	25.25	-68.0	42.8	5843	3152	-11.6	13.6	-1649.8	829.9	-248.7	-495.7	-48.6
3RD	38.25	-32.0	23.5	3008	1623	-10.6	14.5	-1617.8	806.4	-238.0	-474.5	-48.1
4TH	51.25	-32.5	22.4	3008	1623	-10.8	13.8	-1585.3	784.1	-227.7	-453.6	-47.6
5TH	64.25	-33.1	21.2	3008	1623	-11.0	13.1	-1552.2	762.9	-217.6	-433.3	-47.0
6TH	77.25	-33.7	20.1	3008	1623	-11.2	12.4	-1518.5	742.7	-207.8	-413.3	-46.3
7TH	90.25	-33.1	19.0	3008	1623	-11.0	11.7	-1485.4	723.7	-198.3	-393.8	-45.6
8TH	103.25	-30.5	18.5	3008	1623	-10.2	11.4	-1454.9	705.2	-189.0	-374.7	-45.1
9TH	116.25	-27.9	18.0	3008	1623	-9.3	11.1	-1426.9	687.2	-180.0	-355.9	-44.7
10TH	129.25	-25.3	17.5	3008	1623	-8.4	10.8	-1401.6	669.7	-171.2	-337.5	-44.5
11TH	142.25	-22.8	17.0	3008	1623	-7.6	10.5	-1378.8	652.7	-162.6	-319.5	-44.4
12TH	155.25	-24.3	16.5	3008	1623	-8.1	10.1	-1354.6	636.3	-154.2	-301.7	-44.4
13TH	168.25	-27.4	15.9	3008	1623	-9.1	9.8	-1327.2	620.4	-146.0	-284.3	-44.1
14TH	181.25	-30.5	15.4	3008	1623	-10.1	9.5	-1296.6	605.0	-138.1	-267.2	-43.5
15TH	194.25	-33.6	14.8	3008	1623	-11.2	9.1	-1263.0	590.2	-130.3	-250.6	-42.7
16TH	207.25	-36.8	14.3	3008	1623	-12.2	8.8	-1226.3	575.9	-122.7	-234.4	-41.6
17TH	220.25	-37.5	14.2	3008	1623	-12.5	8.8	-1188.8	561.6	-115.3	-218.7	-40.4
18TH	233.25	-38.1	14.6	3008	1623	-12.6	9.0	-1150.7	547.0	-108.1	-203.5	-39.3
19TH	246.25	-38.6	15.0	3008	1623	-12.8	9.2	-1112.1	532.0	-101.1	-188.8	-38.1
20TH	259.25	-39.2	15.4	3008	1623	-13.0	9.5	-1072.9	516.6	-94.3	-174.6	-37.0
21ST	272.25	-39.8	15.8	3008	1623	-13.2	9.7	-1033.1	500.8	-87.7	-160.9	-35.9
22ND	285.25	-40.2	15.9	3008	1623	-13.4	9.8	-992.9	484.9	-81.3	-147.7	-34.8
23RD	298.25	-40.7	16.0	3008	1623	-13.5	9.8	-952.3	469.0	-75.1	-135.1	-33.6
24TH	311.25	-41.2	16.0	3008	1623	-13.7	9.9	-911.1	453.0	-69.1	-123.0	-32.3
25TH	324.25	-41.7	16.1	3008	1623	-13.9	9.9	-869.4	436.9	-63.3	-111.4	-30.9
26TH	337.25	-42.3	16.2	3008	1623	-14.1	10.0	-827.1	420.7	-57.7	-100.4	-29.5
		-42.9	16.5	3008	1623	-14.3	10.2					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-784.1	404.2	-52.3	-89.9	-28.1
		-43.5	16.9	3008	1623	-14.5	10.4					
28TH	363.25							-740.6	387.3	-47.2	-80.0	-26.6
		-44.1	17.2	3008	1623	-14.7	10.6					
29TH	376.25							-696.5	370.1	-42.3	-70.6	-25.1
		-44.7	17.6	3008	1623	-14.9	10.8					
30TH	389.25							-651.7	352.5	-37.6	-61.9	-23.6
		-45.0	18.1	3008	1623	-15.0	11.1					
31ST	402.25							-606.7	334.4	-33.1	-53.7	-22.1
		-44.8	18.9	3008	1623	-14.9	11.6					
32ND	415.25							-562.0	315.6	-28.9	-46.1	-20.6
		-44.6	19.7	3008	1623	-14.8	12.1					
33RD	428.25							-517.4	295.9	-24.9	-39.1	-19.0
		-44.4	20.5	3008	1623	-14.8	12.6					
34TH	441.25							-473.0	275.5	-21.2	-32.7	-17.5
		-44.2	21.2	3008	1623	-14.7	13.1					
35TH	454.25							-428.7	254.2	-17.8	-26.8	-16.0
		-44.6	21.9	3008	1623	-14.8	13.5					
36TH	467.25							-384.1	232.3	-14.6	-21.5	-14.5
		-45.5	22.5	3008	1623	-15.1	13.8					
37TH	480.25							-338.7	209.9	-11.7	-16.8	-13.0
		-46.3	23.0	3008	1623	-15.4	14.2					
38TH	493.25							-292.4	186.9	-9.1	-12.7	-11.5
		-47.2	23.6	3008	1623	-15.7	14.5					
39TH	506.25							-245.2	163.3	-6.9	-9.2	-10.0
		-47.8	24.1	3008	1623	-15.9	14.9					
40TH	519.25							-197.4	139.2	-4.9	-6.3	-8.5
		-45.4	25.5	3008	1623	-15.1	15.7					
41ST	532.25							-152.0	113.6	-3.3	-4.1	-7.1
		-42.7	27.1	3008	1623	-14.2	16.7					
42ND	545.25							-109.3	86.5	-2.0	-2.4	-5.7
		-50.4	36.6	4002	2171	-12.6	16.9					
PENT	563.25							-58.9	49.9	-.7	-.9	-3.3
		-58.8	49.9	6390	3472	-9.2	14.4					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-752.8	1268.7	-410.1	-209.8	-10.1
		-38.6	47.6	5843	3152	-6.6	15.1					
2ND	25.25							-714.2	1221.1	-378.7	-191.3	-10.0
		-17.1	27.9	3008	1623	-5.7	17.2					
3RD	38.25							-697.1	1193.2	-363.0	-182.1	-10.1
		-18.2	26.8	3008	1623	-6.1	16.5					
4TH	51.25							-678.9	1166.4	-347.6	-173.2	-10.1
		-19.3	25.6	3008	1623	-6.4	15.8					
5TH	64.25							-659.6	1140.9	-332.6	-164.5	-10.0
		-20.3	24.4	3008	1623	-6.8	15.0					
6TH	77.25							-639.3	1116.4	-318.0	-156.0	-9.9
		-20.6	23.3	3008	1623	-6.8	14.3					
7TH	90.25							-618.7	1093.2	-303.6	-147.9	-9.8
		-18.6	23.0	3008	1623	-6.2	14.2					
8TH	103.25							-600.2	1070.1	-289.5	-139.9	-9.7
		-16.5	22.8	3008	1623	-5.5	14.0					
9TH	116.25							-583.6	1047.4	-275.8	-132.2	-9.6
		-14.5	22.5	3008	1623	-4.8	13.9					
10TH	129.25							-569.2	1024.9	-262.3	-124.7	-9.7
		-12.4	22.3	3008	1623	-4.1	13.7					
11TH	142.25							-556.7	1002.6	-249.1	-117.4	-9.8
		-13.0	22.1	3008	1623	-4.3	13.6					
12TH	155.25							-543.8	980.5	-236.2	-110.3	-9.8
		-14.7	22.0	3008	1623	-4.9	13.6					
13TH	168.25							-529.1	958.6	-223.6	-103.3	-9.8
		-16.5	21.9	3008	1623	-5.5	13.5					
14TH	181.25							-512.6	936.6	-211.3	-96.5	-9.7
		-18.2	21.9	3008	1623	-6.1	13.5					
15TH	194.25							-494.4	914.8	-199.3	-90.0	-9.5
		-20.0	21.8	3008	1623	-6.6	13.4					
16TH	207.25							-474.4	893.0	-187.5	-83.7	-9.2
		-19.8	21.8	3008	1623	-6.6	13.5					
17TH	220.25							-454.6	871.2	-176.1	-77.7	-8.9
		-19.2	21.9	3008	1623	-6.4	13.5					
18TH	233.25							-435.4	849.2	-164.9	-71.9	-8.7
		-18.6	22.1	3008	1623	-6.2	13.6					
19TH	246.25							-416.9	827.1	-154.0	-66.3	-8.4
		-18.0	22.2	3008	1623	-6.0	13.7					
20TH	259.25							-398.9	805.0	-143.4	-61.0	-8.3
		-17.4	22.3	3008	1623	-5.8	13.7					
21ST	272.25							-381.5	782.7	-133.1	-56.0	-8.1
		-17.0	23.0	3008	1623	-5.7	14.2					
22ND	285.25							-364.5	759.7	-123.0	-51.1	-8.0
		-16.8	23.9	3008	1623	-5.6	14.7					
23RD	298.25							-347.8	735.8	-113.3	-46.5	-7.8
		-16.5	24.8	3008	1623	-5.5	15.3					
24TH	311.25							-331.3	711.0	-103.9	-42.1	-7.5
		-16.2	25.7	3008	1623	-5.4	15.8					
25TH	324.25							-315.0	685.3	-94.8	-37.9	-7.2
		-16.2	26.5	3008	1623	-5.4	16.4					
26TH	337.25							-298.8	658.8	-86.1	-33.9	-6.9
		-16.7	27.7	3008	1623	-5.6	17.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-282.1	631.1	-77.7	-30.1	-6.6
		-17.2	28.8	3008	1623	-5.7	17.8					
28TH	363.25							-264.9	602.3	-69.7	-26.5	-6.3
		-17.7	30.0	3008	1623	-5.9	18.5					
29TH	376.25							-247.1	572.3	-62.1	-23.2	-6.0
		-18.2	31.1	3008	1623	-6.1	19.2					
30TH	389.25							-228.9	541.2	-54.8	-20.1	-5.7
		-18.2	32.1	3008	1623	-6.1	19.8					
31ST	402.25							-210.7	509.0	-48.0	-17.3	-5.4
		-17.5	32.9	3008	1623	-5.8	20.2					
32ND	415.25							-193.1	476.2	-41.6	-14.6	-5.2
		-16.8	33.6	3008	1623	-5.6	20.7					
33RD	428.25							-176.3	442.6	-35.6	-12.2	-4.9
		-16.1	34.3	3008	1623	-5.4	21.1					
34TH	441.25							-160.2	408.3	-30.1	-10.0	-4.7
		-15.4	35.0	3008	1623	-5.1	21.6					
35TH	454.25							-144.7	373.2	-25.0	-8.1	-4.5
		-15.6	35.6	3008	1623	-5.2	21.9					
36TH	467.25							-129.1	337.7	-20.4	-6.3	-4.3
		-16.4	35.9	3008	1623	-5.4	22.1					
37TH	480.25							-112.7	301.8	-16.2	-4.7	-4.1
		-17.1	36.3	3008	1623	-5.7	22.3					
38TH	493.25							-95.6	265.5	-12.5	-3.4	-3.9
		-17.9	36.6	3008	1623	-6.0	22.6					
39TH	506.25							-77.7	228.9	-9.3	-2.2	-3.7
		-18.6	37.0	3008	1623	-6.2	22.8					
40TH	519.25							-59.1	191.9	-6.6	-1.3	-3.4
		-18.5	37.7	3008	1623	-6.2	23.2					
41ST	532.25							-40.5	154.3	-4.3	-.7	-3.3
		-18.4	38.4	3008	1623	-6.1	23.7					
42ND	545.25							-22.1	115.8	-2.6	-.3	-3.2
		-18.4	50.3	4002	2171	-4.6	23.1					
PENT	563.25							-3.7	65.6	-1.0	-.1	-2.3
		-3.7	65.6	6390	3472	-.6	18.9					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								327.5	1486.3	-465.3	167.3	37.0
GRND	0.00	-20.5	49.2	5843	3152	-3.5	15.6					
								347.9	1437.0	-428.3	158.8	36.5
2ND	25.25	-6.4	29.0	3008	1623	-2.1	17.9					
								354.4	1408.0	-409.9	154.2	36.0
3RD	38.25	-6.7	29.1	3008	1623	-2.2	17.9					
								361.1	1378.9	-391.7	149.6	35.5
4TH	51.25	-7.0	29.2	3008	1623	-2.3	18.0					
								368.2	1349.8	-374.0	144.8	34.9
5TH	64.25	-7.3	29.3	3008	1623	-2.4	18.0					
								375.5	1320.5	-356.6	140.0	34.4
6TH	77.25	-7.2	29.3	3008	1623	-2.4	18.1					
								382.7	1291.2	-339.7	135.1	33.9
7TH	90.25	-5.5	29.2	3008	1623	-1.8	18.0					
								388.2	1262.0	-323.1	130.1	33.4
8TH	103.25	-3.8	29.0	3008	1623	-1.3	17.9					
								392.0	1233.0	-306.9	125.0	33.0
9TH	116.25	-2.1	28.8	3008	1623	-.7	17.8					
								394.1	1204.2	-291.0	119.9	32.6
10TH	129.25	-.4	28.6	3008	1623	-.1	17.6					
								394.5	1175.6	-275.5	114.7	32.3
11TH	142.25	.2	28.6	3008	1623	.1	17.6					
								394.3	1147.0	-260.4	109.6	32.0
12TH	155.25	.1	28.8	3008	1623	.0	17.8					
								394.1	1118.2	-245.7	104.5	31.5
13TH	168.25	.0	29.1	3008	1623	.0	17.9					
								394.1	1089.1	-231.4	99.4	31.0
14TH	181.25	-.1	29.3	3008	1623	-.0	18.1					
								394.2	1059.8	-217.4	94.2	30.4
15TH	194.25	-.1	29.5	3008	1623	-.0	18.2					
								394.3	1030.3	-203.8	89.1	29.6
16TH	207.25	1.5	29.9	3008	1623	.5	18.4					
								392.8	1000.4	-190.6	84.0	28.8
17TH	220.25	3.7	30.3	3008	1623	1.2	18.6					
								389.1	970.2	-177.8	78.9	27.9
18TH	233.25	5.8	30.6	3008	1623	1.9	18.9					
								383.3	939.5	-165.4	73.9	27.0
19TH	246.25	8.0	31.0	3008	1623	2.7	19.1					
								375.3	908.5	-153.4	69.0	26.1
20TH	259.25	10.0	31.4	3008	1623	3.3	19.3					
								365.3	877.1	-141.8	64.2	25.0
21ST	272.25	10.4	31.9	3008	1623	3.5	19.6					
								354.8	845.2	-130.6	59.5	24.0
22ND	285.25	10.7	32.3	3008	1623	3.6	19.9					
								344.1	812.9	-119.8	54.9	23.0
23RD	298.25	11.0	32.8	3008	1623	3.7	20.2					
								333.1	780.1	-109.5	50.5	21.9
24TH	311.25	11.4	33.3	3008	1623	3.8	20.5					
								321.7	746.8	-99.5	46.3	20.9
25TH	324.25	11.7	33.8	3008	1623	3.9	20.8					
								310.0	713.0	-90.0	42.2	19.8
26TH	337.25	12.3	34.2	3008	1623	4.1	21.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							297.7	678.7	-81.0	38.2	18.8
		12.9	34.7	3008	1623	4.3	21.4					
28TH	363.25							284.9	644.1	-72.4	34.4	17.7
		13.4	35.1	3008	1623	4.5	21.6					
29TH	376.25							271.4	609.0	-64.2	30.8	16.7
		14.0	35.5	3008	1623	4.7	21.9					
30TH	389.25							257.4	573.4	-56.6	27.4	15.6
		14.7	36.0	3008	1623	4.9	22.2					
31ST	402.25							242.7	537.4	-49.3	24.1	14.5
		15.3	36.7	3008	1623	5.1	22.6					
32ND	415.25							227.5	500.7	-42.6	21.1	13.4
		15.8	37.3	3008	1623	5.3	23.0					
33RD	428.25							211.6	463.4	-36.3	18.2	12.2
		16.4	37.9	3008	1623	5.5	23.4					
34TH	441.25							195.2	425.4	-30.6	15.6	11.1
		17.0	38.6	3008	1623	5.6	23.8					
35TH	454.25							178.2	386.9	-25.3	13.1	9.8
		16.6	38.9	3008	1623	5.5	24.0					
36TH	467.25							161.6	347.9	-20.5	10.9	8.6
		16.2	39.1	3008	1623	5.4	24.1					
37TH	480.25							145.4	308.9	-16.2	8.9	7.3
		15.7	39.2	3008	1623	5.2	24.2					
38TH	493.25							129.7	269.6	-12.5	7.2	5.9
		15.3	39.4	3008	1623	5.1	24.3					
39TH	506.25							114.4	230.2	-9.2	5.6	4.5
		14.8	39.5	3008	1623	4.9	24.4					
40TH	519.25							99.6	190.7	-6.5	4.2	3.1
		13.3	38.9	3008	1623	4.4	23.9					
41ST	532.25							86.3	151.8	-4.3	3.0	1.7
		11.7	38.0	3008	1623	3.9	23.4					
42ND	545.25							74.6	113.8	-2.5	1.9	.4
		21.3	49.9	4002	2171	5.3	23.0					
PENT	563.25							53.3	63.9	-.9	.8	-.6
		53.3	63.9	6390	3472	8.3	18.4					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1105.1	1372.5	-442.1	413.1	73.9
		7.7	40.7	5843	3152	1.3	12.9					
2ND	25.25							1097.4	1331.8	-408.0	385.3	72.4
		6.2	25.0	3008	1623	2.1	15.4					
3RD	38.25							1091.2	1306.8	-390 8	371.1	71.4
		6.3	24.8	3008	1623	2.1	15.3					
4TH	51.25							1084.9	1281.9	-374.0	356.9	70.4
		6.5	24.7	3008	1623	2.2	15.2					
5TH	64.25							1078.4	1257.3	-357.5	342.9	69.4
		6.6	24.5	3008	1623	2.2	15.1					
6TH	77.25							1071.8	1232.7	-341.3	328.9	68.4
		6.5	24.4	3008	1623	2.2	15.0					
7TH	90.25							1065.3	1208.4	-325.4	315.0	67.4
		7.6	24.7	3008	1623	2.5	15.2					
8TH	103.25							1057.7	1183.7	-309.9	301.2	66.6
		8.6	25.0	3008	1623	2.9	15.4					
9TH	116.25							1049.1	1158.7	-294.7	287.5	66.0
		9.7	25.4	3008	1623	3.2	15.6					
10TH	129.25							1039.4	1133.3	-279.8	273.9	65.6
		10.8	25.7	3008	1623	3.6	15.8					
11TH	142.25							1028.6	1107.6	-265.2	260.5	65.5
		12.6	26.0	3008	1623	4.2	16.0					
12TH	155.25							1016.0	1081.7	-251.0	247.2	65.3
		14.1	26.1	3008	1623	4.7	16.1					
13TH	168.25							1001.9	1055.6	-237.1	234.1	64.8
		15.6	26.2	3008	1623	5.2	16.2					
14TH	181.25							986 3	1029 3	-223.5	221 2	63.9
		17.1	26.4	3008	1623	5.7	16.2					
15TH	194.25							969.3	1003.0	-210.3	208.4	62.6
		18.5	26.5	3008	1623	6.2	16.3					
16TH	207.25							950.7	976.5	-197.4	196.0	61.0
		20.4	27.0	3008	1623	6.8	16.7					
17TH	220.25							930.3	949.4	-184.9	183.7	59.2
		22.8	27.9	3008	1623	7.6	17.2					
18TH	233.25							907.6	921.5	-172.8	171.8	57.4
		25.1	28.8	3008	1623	8.3	17.8					
19TH	246.25							882.5	892.7	-161.0	160 2	55.5
		27.5	29.7	3008	1623	9.1	18.3					
20TH	259.25							855.0	863.0	-149.6	148.9	53.5
		29.7	30.6	3008	1623	9.9	18.9					
21ST	272.25							825 3	832.4	-138.5	137.9	51.5
		29.1	30.6	3008	1623	9.7	18.8					
22ND	285.25							796.2	801.8	-127.9	127.4	49.5
		28.4	30.3	3008	1623	9.5	18.7					
23RD	298.25							767.8	771.5	-117.7	117.2	47.4
		27.8	30.1	3008	1623	9.2	18.5					
24TH	311.25							740.0	741.4	-107.9	107.4	45.3
		27.1	29.8	3008	1623	9.0	18.4					
25TH	324.25							712.9	711.6	-98.4	98.0	43.2
		27.0	29.6	3008	1623	9.0	18.2					
26TH	337.25							685.9	682.1	-89.4	88.9	41.1
		29.2	30.0	3008	1623	9.7	18.5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							656.7	652.1	-80.7	80.2	38.9
		31.4	30.4	3008	1623	10.4	18.7					
28TH	363.25							625.3	621.6	-72.4	71.8	36.7
		33.6	30.8	3008	1623	11.2	19.0					
29TH	376.25							591.8	590.8	-64.5	63.9	34.5
		35.7	31.3	3008	1623	11.9	19.3					
30TH	389.25							556.0	559.5	-57.0	56.5	32.3
		36.8	31.9	3008	1623	12.2	19.6					
31ST	402.25							519.2	527.7	-50.0	49.5	30.0
		36.5	32.9	3008	1623	12.1	20.3					
32ND	415.25							482.7	494.8	-43.3	43.0	27.6
		36.3	34.0	3008	1623	12.1	20.9					
33RD	428.25							446.4	460.8	-37.1	36.9	25.3
		36.0	35.0	3008	1623	12.0	21.6					
34TH	441.25							410.4	425.8	-31.4	31.4	22.9
		35.8	36.1	3008	1623	11.9	22.2					
35TH	454.25							374.6	389.7	-26.1	26.3	20.4
		35.5	36.8	3008	1623	11.8	22.7					
36TH	467.25							339.1	352.9	-21.2	21.6	18.0
		35.4	37.3	3008	1623	11.8	23.0					
37TH	480.25							303.7	315.6	-16.9	17.4	15.5
		35.3	37.9	3008	1623	11.7	23.3					
38TH	493.25							268.4	277.7	-13.0	13.7	12.9
		35.2	38.4	3008	1623	11.7	23.7					
39TH	506.25							233.2	239.3	-9.7	10.5	10.4
		34.9	38.9	3008	1623	11.6	24.0					
40TH	519.25							198.3	200.4	-6.8	7.7	7.8
		32.6	39.9	3008	1623	10.8	24.6					
41ST	532.25							165.7	160.6	-4.5	5.3	5.3
		30.2	40.9	3008	1623	10.0	25.2					
42ND	545.25							135.5	119.7	-2.6	3.3	2.8
		45.6	53.0	4002	2171	11.4	24.4					
PENT	563.25							89.9	66.7	-1.0	1.3	.5
		89.9	66.7	6390	3472	14.1	19.2					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1549.7	1003.5	-339.1	559.8	94.0
		23.1	23.0	5843	3152	4.0	7.3					
2ND	25.25							1526.6	980.5	-314.1	521.0	91.9
		14.5	15.2	3008	1623	4.8	9.4					
3RD	38.25							1512.2	965.2	-301.4	501.2	90.6
		14.2	15.0	3008	1623	4.7	9.3					
4TH	51.25							1497.9	950 2	-289.0	481 6	89.3
		14.0	14.8	3008	1623	4.7	9.1					
5TH	64.25							1483.9	935.4	-276.7	462.3	87.9
		13.8	14.6	3008	1623	4.6	9.0					
6TH	77.25							1470.0	920.8	-264.7	443.1	86.6
		12.8	14.5	3008	1623	4.3	8.9					
7TH	90.25							1457.2	906.3	-252.8	424.0	85.3
		13.1	15.4	3008	1623	4.4	9.5					
8TH	103.25							1444.1	890.9	-241.1	405.2	84.3
		13.5	16.4	3008	1623	4.5	10.1					
9TH	116.25							1430.6	874.5	-229.6	386.5	83.7
		13.8	17.3	3008	1623	4.6	10.7					
10TH	129.25							1416.8	857.2	-218.4	368.0	83.4
		14.1	18.3	3008	1623	4.7	11.3					
11TH	142.25							1402.7	838.9	-207.3	349.7	83.5
		17.2	19.0	3008	1623	5.7	11.7					
12TH	155.25							1385.4	819.9	-196.6	331.5	83.5
		20.6	19.2	3008	1623	6.8	11.8					
13TH	168.25							1364.8	800.8	-186.0	313.7	83.0
		23.9	19.4	3008	1623	8.0	11.9					
14TH	181.25							1340.9	781.4	-175.7	296.1	82.0
		27.3	19.5	3008	1623	9.1	12.0					
15TH	194.25							1313.6	761.8	-165.7	278.8	80.4
		30.6	19.7	3008	1623	10.2	12.2					
16TH	207.25							1283.0	742.1	-155.9	261.9	78.3
		31.9	20.1	3008	1623	10.6	12.4					
17TH	220.25							1251.2	722.0	-146.4	245.5	75.9
		33.2	20.7	3008	1623	11.0	12.8					
18TH	233.25							1217.9	701.3	-137.2	229.4	73.5
		34.6	21.3	3008	1623	11.5	13.1					
19TH	246.25							1183.3	680.0	-128.2	213.8	71.0
		36.0	21.8	3008	1623	12.0	13.5					
20TH	259.25							1147.3	658.2	-119.5	198.7	68.5
		37.3	22.4	3008	1623	12.4	13.8					
21ST	272.25							1110.0	635.7	-111.1	184.0	65.9
		37.7	22.0	3008	1623	12.5	13.6					
22ND	285.25							1072.3	613.7	-103.0	169.8	63.4
		38.2	21.4	3008	1623	12.7	13.2					
23RD	298.25							1034.1	592.2	-95.1	156.1	60.7
		38.6	20.9	3008	1623	12.8	12.8					
24TH	311.25							995.6	571.4	-87.6	142.9	58.1
		39.0	20.3	3008	1623	13.0	12.5					
25TH	324.25							956.6	551.1	-80.3	130.2	55.4
		39.7	19.7	3008	1623	13.2	12.2					
26TH	337.25							916.9	531.4	-73.2	118.0	52.7
		41.7	20.4	3008	1623	13.9	12.6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25	43.7	21.1	3008	1623	14.5	13.0	875.3	511.0	-66.5	106.4	49.9
28TH	363.25	45.6	21.9	3008	1623	15.2	13.5	831.6	489.8	-59.9	95.3	47.1
29TH	376.25	47.6	22.6	3008	1623	15.8	13.9	786.0	468.0	-53.7	84.8	44.2
30TH	389.25	48.8	23.2	3008	1623	16.2	14.3	738.3	445.4	-47.8	74.9	41.2
31ST	402.25	48.7	23.7	3008	1623	16.2	14.6	689.6	422.2	-42.1	65.6	38.2
32ND	415.25	48.7	24.2	3008	1623	16.2	14.9	640.9	398.5	-36.8	57.0	35.2
33RD	428.25	48.6	24.7	3008	1623	16.2	15.2	592.2	374.3	-31.8	48.9	32.1
34TH	441.25	48.6	25.2	3008	1623	16.2	15.5	543.5	349.7	-27.1	41.6	29.0
35TH	454.25	48.0	26.2	3008	1623	16.0	16.2	494.9	324.5	-22.7	34.8	25.9
36TH	467.25	47.3	27.7	3008	1623	15.7	17.1	446.9	298.3	-18.6	28.7	22.8
37TH	480.25	46.6	29.2	3008	1623	15.5	18.0	399.5	270.6	-15.0	23.2	19.7
38TH	493.25	45.9	30.7	3008	1623	15.3	18.9	352.9	241.4	-11.6	18.3	16.5
39TH	506.25	45.2	32.2	3008	1623	15.0	19.8	307.0	210.7	-8.7	14.0	13.4
40TH	519.25	42.5	34.0	3008	1623	14.1	20.9	261.8	178.5	-6.2	10.3	10.2
41ST	532.25	39.6	35.9	3008	1623	13.1	22.1	219.3	144.5	-4.1	7.2	7.2
42ND	545.25	53.5	47.7	4002	2171	13.4	22.0	179.8	108.7	-2.4	4.6	4.3
PENT	563.25	126.3	60.9	6390	3472	19.8	17.5	126.3	60.9	-.9	1.8	1.5
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1831.7	947.5	-316.7	675.6	91.6
		25.6	15.8	5843	3152	4.4	5.0					
2ND	25.25							1806.1	931.7	-293.0	629.7	89.9
		13.8	10.6	3008	1623	4.6	6.6					
3RD	38.25							1792.3	921.0	-281.0	606.3	88.8
		13.3	11.0	3008	1623	4.4	6.8					
4TH	51.25							1778.9	910.1	-269.1	583.1	87.7
		12.8	11.3	3008	1623	4.3	6.9					
5TH	64.25							1766.1	898.8	-257.3	560.1	86.5
		12.3	11.6	3008	1623	4.1	7.1					
6TH	77.25							1753.7	887.2	-245.7	537.2	85.1
		11.2	11.9	3008	1623	3.7	7.4					
7TH	90.25							1742.5	875.3	-234.2	514.5	83.8
		11.1	13.4	3008	1623	3.7	8.2					
8TH	103.25							1731.5	861.9	-222.9	491.9	82.7
		10.9	14.8	3008	1623	3.6	9.1					
9TH	116.25							1720.5	847.1	-211.8	469.5	82.0
		10.8	16.2	3008	1623	3.6	10.0					
10TH	129.25							1709.7	830.9	-200.9	447.2	81.6
		10.6	17.6	3008	1623	3.5	10.8					
11TH	142.25							1699.1	813.3	-190.2	425.0	81.4
		13.7	18.8	3008	1623	4.6	11.6					
12TH	155.25							1685.4	794.5	-179.8	403.0	81.3
		18.2	19.6	3008	1623	6.1	12.1					
13TH	168.25							1667.2	774.9	-169.6	381.2	80.5
		22.7	20.4	3008	1623	7.5	12.6					
14TH	181.25							1644.5	754.5	-159.7	359.7	79.1
		27.2	21.2	3008	1623	9.0	13.0					
15TH	194.25							1617.3	733.3	-150.0	338.5	77.2
		31.7	21.9	3008	1623	10.5	13.5					
16TH	207.25							1585.6	711.4	-140.6	317.7	74.6
		35.3	22.4	3008	1623	11.7	13.8					
17TH	220.25							1550.3	689.0	-131.5	297.3	72.0
		39.1	22.5	3008	1623	13.0	13.9					
18TH	233.25							1511.2	666.5	-122.7	277.4	69.3
		42.9	22.6	3008	1623	14.3	14.0					
19TH	246.25							1468.3	643.9	-114.2	258.0	66.7
		46.7	22.8	3008	1623	15.5	14.0					
20TH	259.25							1421.5	621.1	-105.9	239.2	64.1
		50.4	22.9	3008	1623	16.8	14.1					
21ST	272.25							1371.1	598.2	-98.0	221.1	61.5
		51.4	23.0	3008	1623	17.1	14.2					
22ND	285.25							1319.7	575.2	-90.4	203.6	58.9
		52.4	23.1	3008	1623	17.4	14.2					
23RD	298.25							1267.3	552.1	-83.1	186.8	56.2
		53.4	23.2	3008	1623	17.8	14.3					
24TH	311.25							1213.9	528.9	-76.0	170.6	53.4
		54.4	23.3	3008	1623	18.1	14.3					
25TH	324.25							1159.5	505.7	-69.3	155.2	50.6
		55.1	23.3	3008	1623	18.3	14.4					
26TH	337.25							1104.4	482.4	-62.9	140.5	47.8
		55.4	23.1	3008	1623	18.4	14.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							1049.0	459.3	-56.8	126.5	45.0
		55.6	22.9	3008	1623	18.5	14.1					
28TH	363.25							993.5	436.4	-50.9	113.2	42.4
		55.8	22.6	3008	1623	18.5	13.9					
29TH	376.25							937.7	413.8	-45.4	100.7	39.8
		56.0	22.4	3008	1623	18.6	13.8					
30TH	389.25							881.7	391.4	-40.2	88.8	37.3
		56.4	22.3	3008	1623	18.7	13.8					
31ST	402.25							825.3	369.0	-35.2	77.8	34.8
		56.8	22.7	3008	1623	18.9	14.0					
32ND	415.25							768.5	346.3	-30.6	67.4	32.2
		57.2	23.1	3008	1623	19.0	14.2					
33RD	428.25							711.2	323.3	-26.2	57.8	29.7
		57.6	23.4	3008	1623	19.2	14.4					
34TH	441.25							653.6	299.9	-22.2	48.9	27.1
		58.1	23.8	3008	1623	19.3	14.6					
35TH	454.25							595.5	276.1	-18.4	40.8	24.4
		58.0	24.6	3008	1623	19.3	15.1					
36TH	467.25							537.5	251.6	-15.0	33.4	21.7
		57.8	25.7	3008	1623	19.2	15.8					
37TH	480.25							479.7	225.9	-11.9	26.8	19.0
		57.5	26.8	3008	1623	19.1	16.5					
38TH	493.25							422.3	199.1	-9.1	20.9	16.3
		57.2	27.9	3008	1623	19.0	17.2					
39TH	506.25							365.1	171.1	-6.7	15.8	13.5
		56.8	29.1	3008	1623	18.9	17.9					
40TH	519.25							308.3	142.1	-4.7	11.4	10.8
		54.8	29.7	3008	1623	18.2	18.3					
41ST	532.25							253.4	112.4	-3.1	7.8	8.0
		52.8	30.2	3008	1623	17.6	18.6					
42ND	545.25							200.6	82.2	-1.8	4.8	5.2
		71.2	37.6	4002	2171	17.8	17.3					
PENT	563.25							129.4	44.5	-.6	1.9	2.2
		129.4	44.5	6390	3472	20.2	12.8					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1350.4	1055.8	-375.0	443.1	69.6
		37.5	13.9	5843	3152	6.4	4.4					
2ND	25.25							1312.9	1042.0	-348.5	409.5	68.3
		18.2	7.4	3008	1623	6.1	4.6					
3RD	38.25							1294.6	1034.5	-335.0	392.5	67.5
		17.6	7.6	3008	1623	5.9	4.7					
4TH	51.25							1277.0	1026.9	-321.6	375.8	66.6
		17.0	7.7	3008	1623	5.7	4.8					
5TH	64.25							1260.0	1019.2	-308.3	359.3	65.7
		16.4	7.9	3008	1623	5.4	4.9					
6TH	77.25							1243.6	1011.3	-295.1	343.0	64.8
		15.2	8.1	3008	1623	5.1	5.0					
7TH	90.25							1228.4	1003.3	-282.0	327.0	63.8
		15.2	9.3	3008	1623	5.1	5.8					
8TH	103.25							1213.2	993.9	-269.0	311.1	63.0
		15.2	10.6	3008	1623	5.1	6.5					
9TH	116.25							1197.9	983.3	-256.1	295.4	62.5
		15.2	11.9	3008	1623	5.1	7.3					
10TH	129.25							1182.7	971.4	-243.4	279.9	62.1
		15.2	13.2	3008	1623	5.1	8.1					
11TH	142.25							1167.5	958.2	-230.9	264.7	62.0
		18.0	14.6	3008	1623	6.0	9.0					
12TH	155.25							1149.5	943.6	-218.5	249.6	61.9
		22.1	16.5	3008	1623	7.4	10.2					
13TH	168.25							1127.4	927.1	-206.4	234.8	61.3
		26.3	18.3	3008	1623	8.7	11.3					
14TH	181.25							1101.1	908.8	-194.4	220.3	60.4
		30.4	20.2	3008	1623	10.1	12.4					
15TH	194.25							1070.7	888.6	-182.8	206.2	59.0
		34.6	22.0	3008	1623	11.5	13.6					
16TH	207.25							1036.1	866.5	-171.4	192.5	57.2
		35.9	23.6	3008	1623	11.9	14.5					
17TH	220.25							1000.2	843.0	-160.2	179.3	55.3
		36.7	24.8	3008	1623	12.2	15.3					
18TH	233.25							963.5	818.2	-149.4	166.5	53.4
		37.5	26.0	3008	1623	12.5	16.1					
19TH	246.25							926.0	792.1	-139.0	154.2	51.6
		38.2	27.3	3008	1623	12.7	16.8					
20TH	259.25							887.8	764.8	-128.9	142.4	49.7
		39.0	28.5	3008	1623	13.0	17.6					
21ST	272.25							848.8	736.3	-119.1	131.2	47.8
		38.7	28.7	3008	1623	12.9	17.7					
22ND	285.25							810.1	707.6	-109.7	120.4	45.9
		38.5	28.7	3008	1623	12.8	17.7					
23RD	298.25							771.6	678.9	-100.7	110.1	43.9
		38.4	28.6	3008	1623	12.8	17.6					
24TH	311.25							733.2	650.3	-92.1	100.3	41.9
		38.2	28.5	3008	1623	12.7	17.6					
25TH	324.25							695.0	621.8	-83.8	91.0	39.8
		38.0	28.5	3008	1623	12.6	17.6					
26TH	337.25							657.0	593.3	-75.9	82.2	37.6
		37.4	28.7	3008	1623	12.4	17.7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25	36.9	29.0	3008	1623	12.3	17.9	619.5	564.5	-68.4	73.9	35.5
28TH	363.25	36.3	29.3	3008	1623	12.1	18.0	582.7	535.5	-61.2	66.1	33.3
29TH	376.25	35.8	29.5	3008	1623	11.9	18.2	546.3	506.3	-54.4	58.8	31.2
30TH	389.25	35.1	29.7	3008	1623	11.7	18.3	510.6	476.8	-48.1	51.9	29.1
31ST	402.25	34.1	29.7	3008	1623	11.3	18.3	475.5	447.1	-42.1	45.5	27.0
32ND	415.25	33.2	29.7	3008	1623	11.0	18.3	441.3	417.3	-36.4	39.5	25.0
33RD	428.25	32.2	29.8	3008	1623	10.7	18.3	408.2	387.6	-31.2	34.0	22.9
34TH	441.25	31.2	29.8	3008	1623	10.4	18.3	376.0	357.9	-26.4	28.9	20.9
35TH	454.25	31.1	30.3	3008	1623	10.3	18.6	344.8	328.1	-21.9	24.2	18.9
36TH	467.25	31.4	31.1	3008	1623	10.4	19.2	313.7	297.8	-17.8	20.0	16.8
37TH	480.25	31.6	31.9	3008	1623	10.5	19.7	282.3	266.7	-14.2	16.1	14.7
38TH	493.25	31.8	32.8	3008	1623	10.6	20.2	250.8	234.8	-10.9	12.6	12.6
39TH	506.25	32.1	33.6	3008	1623	10.7	20.7	219.0	202.0	-8.1	9.6	10.5
40TH	519.25	32.3	34.4	3008	1623	10.7	21.2	186.9	168.4	-5.7	6.9	8.3
41ST	532.25	32.3	35.3	3008	1623	10.7	21.7	154.6	134.0	-3.7	4.7	6.1
42ND	545.25	45.0	43.9	4002	2171	11.2	20.2	122.3	98.7	-2.2	2.9	3.9
PENT	563.25	77.2	54.8	6390	3472	12.1	15.8	77.2	54.8	- 8	1.1	1.5
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1516.4	986.1	-369.5	483.2	68.5
		49.7	14.6	5843	3152	8.5	4.6					
2ND	25.25							1466.7	971.5	-344.8	445.6	67.2
		24.1	6.5	3008	1623	8.0	4.0					
3RD	38.25							1442.6	965.0	-332.2	426.7	66.4
		22.6	5.4	3008	1623	7.5	3.4					
4TH	51.25							1420.0	959.5	-319.7	408.1	65.6
		21.1	4.4	3008	1623	7.0	2.7					
5TH	64.25							1399.0	955.2	-307.2	389.7	64.8
		19.5	3.3	3008	1623	6.5	2.0					
6TH	77.25							1379.4	951.9	-294.8	371.7	64.0
		18.0	2.3	3008	1623	6.0	1.4					
7TH	90.25							1361.5	949.6	-282.5	353.9	63.2
		18.7	3.4	3008	1623	6.2	2.1					
8TH	103.25							1342.7	946.2	-270.2	336.3	62.6
		19.5	4.5	3008	1623	6.5	2.8					
9TH	116.25							1323.3	941.7	-257.9	318.9	62.1
		20.2	5.6	3008	1623	6.7	3.4					
10TH	129.25							1303.0	936.2	-245.7	301.9	61.7
		21.0	6.6	3008	1623	7.0	4.1					
11TH	142.25							1282.1	929.5	-233.6	285.1	61.5
		23.9	8.1	3008	1623	7.9	5.0					
12TH	155.25							1258.2	921.4	-221.5	268.6	61.3
		28.1	10.6	3008	1623	9.3	6.6					
13TH	168.25							1230.1	910.8	-209.6	252.4	60.7
		32.2	13.1	3008	1623	10.7	8.1					
14TH	181.25							1197.9	897.6	-197.9	236.6	59.8
		36.4	15.6	3008	1623	12.1	9.6					
15TH	194.25							1161.5	882.0	-186.3	221.3	58.5
		40.6	18.1	3008	1623	13.5	11.2					
16TH	207.25							1120.8	863.9	-174.9	206.4	56.9
		41.9	20.0	3008	1623	13.9	12.3					
17TH	220.25							1078.9	843.8	-163.8	192.1	55.2
		42.4	21.4	3008	1623	14.1	13.2					
18TH	233.25							1036.5	822.5	-153.0	178.4	53.5
		42.9	22.7	3008	1623	14.3	14.0					
19TH	246.25							993.6	799.7	-142.5	165.2	51.7
		43.4	24.1	3008	1623	14.4	14.8					
20TH	259.25							950.3	775.6	-132.2	152.6	50.0
		43.7	25.4	3008	1623	14.5	15.7					
21ST	272.25							906.5	750.2	-122.3	140.5	48.3
		42.8	26.2	3008	1623	14.2	16.2					
22ND	285.25							863.7	724.0	-112.7	129.0	46.5
		41.8	26.8	3008	1623	13.9	16.5					
23RD	298.25							821.9	697.2	-103.5	118.0	44.6
		40.9	27.5	3008	1623	13.6	16.9					
24TH	311.25							781.0	669.7	-94.6	107.6	42.7
		40.0	28.1	3008	1623	13.3	17.3					
25TH	324.25							741.1	641.6	-86.1	97.7	40.7
		39.0	28.7	3008	1623	13.0	17.7					
26TH	337.25							702.0	612.9	-77.9	88.3	38.7
		38.6	29.1	3008	1623	12.8	18.0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							663.4	583.8	-70.2	79.5	36.7
		38.2	29.6	3008	1623	12.7	18.2					
28TH	363.25							625.2	554.2	-62.8	71.1	34.7
		37.8	30.1	3008	1623	12.6	18.5					
29TH	376.25							587.4	524.1	-55.7	63.2	32.8
		37.4	30.5	3008	1623	12.4	18.8					
30TH	389.25							550.0	493.6	-49.1	55.8	30.9
		37.0	30.9	3008	1623	12.3	19.1					
31ST	402.25							513.0	462.7	-42.9	48.9	28.9
		36.2	31.3	3008	1623	12.0	19.3					
32ND	415.25							476.8	431.4	-37.1	42.5	26.9
		35.4	31.6	3008	1623	11.8	19.5					
33RD	428.25							441.4	399.8	-31.7	36.5	24.8
		34.6	32.0	3008	1623	11.5	19.7					
34TH	441.25							406.8	367.8	-26.7	31.0	22.7
		33.9	32.3	3008	1623	11.3	19.9					
35TH	454.25							372.9	335.5	-22.1	25.9	20.5
		33.9	32.6	3008	1623	11.3	20.1					
36TH	467.25							339.0	302.9	-18.0	21.3	18.3
		34.2	33.0	3008	1623	11.4	20.3					
37TH	480.25							304.8	269.9	-14.3	17.1	16.1
		34.5	33.3	3008	1623	11.5	20.5					
38TH	493.25							270.3	236.5	-11.0	13.4	13.8
		34.8	33.7	3008	1623	11.6	20.8					
39TH	506.25							235.5	202.9	-8.1	10.1	11.5
		35.3	34.0	3008	1623	11.7	21.0					
40TH	519.25							200.2	168.8	-5.7	7.2	9.2
		36.0	34.5	3008	1623	12.0	21.3					
41ST	532.25							164.3	134.3	-3.7	4.9	6.9
		36.4	35.0	3008	1623	12.1	21.6					
42ND	545.25							127.9	99.3	-2.2	3.0	4.7
		50.3	43.1	4002	2171	12.6	19.9					
PENT	563.25							77.6	56.2	-.8	1.1	2.3
		77.6	56.2	6390	3472	12.1	16.2					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1859.9	1014.5	-415.8	585.8	59.0
2ND	25.25	59.0	9.7	5843	3152	10.1	3.1	1800.9	1004.8	-390.3	539.6	57.6
3RD	38.25	29.0	1.3	3008	1623	9.6	.8	1771.9	1003.5	-377.3	516.4	57.0
4TH	51.25	29.1	.2	3008	1623	9.7	.1	1742.9	1003.3	-364.2	493.5	56.4
5TH	64.25	29.2	-.8	3008	1623	9.7	-.5	1713.7	1004.1	-351.2	471.1	55.8
6TH	77.25	29.3	-1.8	3008	1623	9.7	-1.1	1684.4	1005.9	-338.1	449.0	55.2
7TH	90.25	29.0	-2.8	3008	1623	9.6	-1.7	1655.4	1008.7	-325.0	427.3	54.6
8TH	103.25	30.0	-1.8	3008	1623	10.0	-1.1	1625.4	1010.5	-311.9	405.9	54.1
9TH	116.25	31.0	-.9	3008	1623	10.3	-.5	1594.4	1011.4	-298.7	385.0	53.7
10TH	129.25	32.0	.1	3008	1623	10.6	.1	1562.4	1011.3	-285.6	364.5	53.3
11TH	142.25	32.9	1.1	3008	1623	10.9	.7	1529.5	1010.3	-272.5	344.4	53.0
12TH	155.25	35.5	2.5	3008	1623	11.8	1.5	1494.0	1007.8	-259.3	324.7	52.7
13TH	168.25	38.7	5.1	3008	1623	12.9	3.1	1455.3	1002.7	-246.3	305.6	52.2
14TH	181.25	41.9	7.7	3008	1623	13.9	4.8	1413.4	995.0	-233.3	286.9	51.4
15TH	194.25	45.1	10.3	3008	1623	15.0	6.4	1368.3	984.6	-220.4	268.8	50.5
16TH	207.25	48.3	12.9	3008	1623	16.1	8.0	1320.0	971.7	-207.7	251.4	49.4
17TH	220.25	48.4	15.1	3008	1623	16.1	9.3	1271.6	956.6	-195.2	234.5	48.3
18TH	233.25	47.7	16.9	3008	1623	15.8	10.4	1224.0	939.7	-182.8	218.3	47.1
19TH	246.25	47.0	18.7	3008	1623	15.6	11.5	1177.0	921.1	-170.7	202.7	45.9
20TH	259.25	46.3	20.5	3008	1623	15.4	12.6	1130.7	900.6	-158.9	187.7	44.7
21ST	272.25	45.5	22.3	3008	1623	15.1	13.7	1085.2	878.3	-147.3	173.3	43.5
22ND	285.25	44.9	23.7	3008	1623	14.9	14.6	1040.3	854.6	-136.1	159.5	42.2
23RD	298.25	44.4	25.1	3008	1623	14.8	15.5	995.9	829.5	-125.1	146.2	40.8
24TH	311.25	43.9	26.5	3008	1623	14.6	16.3	952.0	803.0	-114.5	133.6	39.3
25TH	324.25	43.4	27.9	3008	1623	14.4	17.2	908.6	775.1	-104.3	121.5	37.7
26TH	337.25	43.2	29.3	3008	1623	14.4	18.0	865.4	745.9	-94.4	110.0	36.0
		43.5	31.5	3008	1623	14.4	19.4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							821.9	714.3	-84.9	99.0	34.4
		43.7	33.8	3008	1623	14.5	20.8					
28TH	363.25							778.2	680.5	-75.8	88.6	32.7
		44.0	36.0	3008	1623	14.6	22.2					
29TH	376.25							734.2	644.5	-67.2	78.8	31.0
		44.2	38.3	3008	1623	14.7	23.6					
30TH	389.25							690.0	606.2	-59.1	69.5	29.4
		44.3	40.0	3008	1623	14.7	24.6					
31ST	402.25							645.7	566.2	-51.5	60.8	27.7
		44.2	40.4	3008	1623	14.7	24.9					
32ND	415.25							601.6	525.8	-44.4	52.7	25.9
		44.1	40.9	3008	1623	14.7	25.2					
33RD	428.25							557.5	484.9	-37.8	45.2	24.0
		44.0	41.3	3008	1623	14.6	25.4					
34TH	441.25							513.5	443.6	-31.8	38.2	22.0
		43.9	41.7	3008	1623	14.6	25.7					
35TH	454.25							469.6	401.9	-26.3	31.8	19.9
		44.2	41.5	3008	1623	14.7	25.6					
36TH	467.25							425.3	360.4	-21.3	26.0	17.7
		44.6	40.8	3008	1623	14.8	25.1					
37TH	480.25							380.7	319.6	-16.9	20.8	15.6
		45.0	40.1	3008	1623	15.0	24.7					
38TH	493.25							335.7	279.5	-13.0	16.1	13.6
		45.4	39.4	3008	1623	15.1	24.3					
39TH	506.25							290.2	240.2	-9.6	12.0	11.5
		45.8	38.6	3008	1623	15.2	23.8					
40TH	519.25							244.4	201.5	-6.7	8.6	9.5
		46.5	40.9	3008	1623	15.5	25.2					
41ST	532.25							197.9	160.6	-4.4	5.7	7.4
		47.1	43.8	3008	1623	15.7	27.0					
42ND	545.25							150.8	116.9	-2.6	3.4	5.3
		62.8	51.8	4002	2171	15.7	23.8					
PENT	563.25							87.9	65.1	-.9	1.3	2.9
		87.9	65.1	6390	3472	13.8	18.7					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							2235.0	854.6	-335.3	708.6	47.3
		67.8	9.2	5843	3152	11.6	2.9					
2ND	25.25							2167.3	845.4	-313.9	653.0	46.2
		35.0	2.0	3008	1623	11.6	1.2					
3RD	38.25							2132.3	843.4	-302.9	625.0	45.6
		36.2	2.0	3008	1623	12.0	1.2					
4TH	51.25							2096.1	841.4	-291.9	597.5	45.0
		37.4	2.0	3008	1623	12.4	1.3					
5TH	64.25							2058.7	839.4	-281.0	570.5	44.4
		38.6	2.0	3008	1623	12.8	1.3					
6TH	77.25							2020.2	837.3	-270.1	544.0	43.9
		39.5	2.1	3008	1623	13.1	1.3					
7TH	90.25							1980.7	835.3	-259.2	518.0	43.3
		40.7	3.2	3008	1623	13.5	1.9					
8TH	103.25							1940.0	832.1	-248.4	492.5	42.7
		41.8	4.2	3008	1623	13.9	2.6					
9TH	116.25							1898.2	827.8	-237.6	467.6	42.2
		42.9	5.3	3008	1623	14.3	3.3					
10TH	129.25							1855.3	822.5	-226.9	443.2	41.7
		44.1	6.4	3008	1623	14.7	4.0					
11TH	142.25							1811.2	816.1	-216.2	419.4	41.2
		44.8	7.7	3008	1623	14.9	4.7					
12TH	155.25							1766.4	808.4	-205.7	396.1	40.7
		45.0	9.4	3008	1623	15.0	5.8					
13TH	168.25							1721.4	799.0	-195.2	373.4	40.1
		45.2	11.2	3008	1623	15.0	6.9					
14TH	181.25							1676.3	787.8	-184.9	351.3	39.4
		45.3	12.9	3008	1623	15.1	8.0					
15TH	194.25							1630.9	774.8	-174.8	329.8	38.6
		45.5	14.7	3008	1623	15.1	9.1					
16TH	207.25							1585.4	760.1	-164.8	308.9	37.7
		46.4	15.8	3008	1623	15.4	9.7					
17TH	220.25							1539.0	744.4	-155.0	288.6	36.7
		47.7	16.2	3008	1623	15.8	10.0					
18TH	233.25							1491.3	728.1	-145.4	268.9	35.7
		48.9	16.7	3008	1623	16.3	10.3					
19TH	246.25							1442.4	711.4	-136.1	249.9	34.7
		50.1	17.2	3008	1623	16.7	10.6					
20TH	259.25							1392.3	694.2	-126.9	231.4	33.7
		51.3	17.7	3008	1623	17.1	10.9					
21ST	272.25							1340.9	676.5	-118.0	213.7	32.6
		51.9	18.5	3008	1623	17.2	11.4					
22ND	285.25							1289.0	658.0	-109.4	196.6	31.6
		52.4	19.4	3008	1623	17.4	12.0					
23RD	298.25							1236.6	638.6	-100.9	180.2	30.5
		52.9	20.4	3008	1623	17.6	12.5					
24TH	311.25							1183.7	618.2	-92.8	164.4	29.4
		53.4	21.3	3008	1623	17.8	13.1					
25TH	324.25							1130.3	596.9	-84.9	149.4	28.2
		53.8	22.2	3008	1623	17.9	13.7					
26TH	337.25							1076.6	574.8	-77.2	135.0	27.1
		53.8	22.9	3008	1623	17.9	14.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25	53.8	23.6	3008	1623	17.9	14.6	1022.8	551.8	-69.9	121.4	25.9
28TH	363.25	53.9	24.4	3008	1623	17.9	15.0	968.9	528.2	-62.9	108.5	24.8
29TH	376.25	53.9	25.1	3008	1623	17.9	15.5	915.1	503.9	-56.2	96.2	23.6
30TH	389.25	54.2	25.9	3008	1623	18.0	15.9	861.2	478.8	-49.8	84.7	22.5
31ST	402.25	54.9	26.8	3008	1623	18.2	16.5	807.0	452.9	-43.8	73.8	21.3
32ND	415.25	55.6	27.7	3008	1623	18.5	17.1	752.1	426.1	-38.0	63.7	20.1
33RD	428.25	56.2	28.6	3008	1623	18.7	17.6	696.5	398.4	-32.7	54.3	18.8
34TH	441.25	56.9	29.5	3008	1623	18.9	18.2	640.3	369.8	-27.7	45.6	17.4
35TH	454.25	57.9	30.4	3008	1623	19.3	18.7	583.4	340.3	-23.1	37.6	16.0
36TH	467.25	59.0	31.3	3008	1623	19.6	19.3	525.4	309.8	-18.8	30.4	14.6
37TH	480.25	60.0	32.1	3008	1623	20.0	19.8	466.5	278.6	-15.0	24.0	13.1
38TH	493.25	61.1	32.9	3008	1623	20.3	20.3	406.4	246.5	-11.6	18.3	11.5
39TH	506.25	62.0	33.8	3008	1623	20.6	20.8	345.4	213.5	-8.6	13.4	10.0
40TH	519.25	61.8	35.7	3008	1623	20.5	22.0	283.3	179.8	-6.1	9.3	8.4
41ST	532.25	61.5	37.9	3008	1623	20.5	23.3	221.5	144.0	-4.0	6.0	6.9
42ND	545.25	69.7	47.8	4002	2171	17.4	22.0	160.0	106.2	-2.3	3.6	5.4
PENT	563.25	90.4	58.3	6390	3472	14.1	16.8	90.4	58.3	-.8	1.3	3.3
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							2542.2	563.1	-216.3	801.7	30.4
		91.8	12.3	5843	3152	15.7	3.9					
2ND	25.25							2450.4	550.8	-202.3	738.7	29.5
		43.4	2.6	3008	1623	14.4	1.6					
3RD	38.25							2407.1	548.2	-195.1	707.1	29.1
		44.0	3.2	3008	1623	14.6	2.0					
4TH	51.25							2363.1	545.0	-188.0	676.1	28.8
		44.6	3.8	3008	1623	14.8	2.3					
5TH	64.25							2318.5	541.2	-181.0	645.7	28.3
		45.2	4.4	3008	1623	15.0	2.7					
6TH	77.25							2273.2	536.8	-174.0	615.9	27.9
		45.9	4.9	3008	1623	15.2	3.0					
7TH	90.25							2227.4	531.9	-167.0	586.6	27.5
		46.7	5.2	3008	1623	15.5	3.2					
8TH	103.25							2180.6	526.7	-160.1	558.0	27.0
		47.6	5.5	3008	1623	15.8	3.4					
9TH	116.25							2133.0	521.2	-153.3	529.9	26.6
		48.5	5.7	3008	1623	16.1	3.5					
10TH	129.25							2084.5	515.5	-146.6	502.5	26.2
		49.4	6.0	3008	1623	16.4	3.7					
11TH	142.25							2035.1	509.5	-139.9	475.7	25.8
		49.7	6.3	3008	1623	16.5	3.9					
12TH	155.25							1985.4	503.2	-133.3	449.6	25.4
		49.5	6.7	3008	1623	16.5	4.1					
13TH	168.25							1935.9	496.6	-126.8	424.1	25.0
		49.3	7.0	3008	1623	16.4	4.3					
14TH	181.25							1886.5	489.5	-120.4	399.3	24.5
		49.2	7.4	3008	1623	16.3	4.6					
15TH	194.25							1837.4	482.1	-114.1	375.0	24.0
		49.0	7.8	3008	1623	16.3	4.8					
16TH	207.25							1788.4	474.3	-107.9	351.5	23.4
		50.2	8.1	3008	1623	16.7	5.0					
17TH	220.25							1738.2	466.2	-101.8	328.6	22.9
		51.8	8.5	3008	1623	17.2	5.2					
18TH	233.25							1686.3	457.7	-95.8	306.3	22.3
		53.5	8.8	3008	1623	17.8	5.4					
19TH	246.25							1632.8	448.9	-89.9	284.7	21.8
		55.1	9.2	3008	1623	18.3	5.7					
20TH	259.25							1577.7	439.7	-84.1	263.9	21.3
		56.7	9.5	3008	1623	18.9	5.9					
21ST	272.25							1521.0	430.2	-78.4	243.7	20.7
		57.0	10.0	3008	1623	18.9	6.2					
22ND	285.25							1464.0	420.2	-72.9	224.3	20.2
		57.2	10.5	3008	1623	19.0	6.5					
23RD	298.25							1406.8	409.6	-67.5	205.7	19.6
		57.3	11.0	3008	1623	19.1	6.8					
24TH	311.25							1349.5	398.6	-62.3	187.7	19.0
		57.5	11.5	3008	1623	19.1	7.1					
25TH	324.25							1291.9	387.1	-57.2	170.6	18.3
		57.8	12.1	3008	1623	19.2	7.4					
26TH	337.25							1234.1	375.0	-52.2	154.1	17.7
		59.1	12.7	3008	1623	19.7	7.9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT	Z-MOMENT
										1000-FT-KIPS		
27TH	350.25	60.4	13.4	3008	1623	20.1	8.3	1174.9	362.3	-47.4	138.5	17.0
28TH	363.25	61.7	14.1	3008	1623	20.5	8.7	1114.5	348.9	-42.8	123.6	16.3
29TH	376.25	63.0	14.8	3008	1623	21.0	9.1	1052.8	334.7	-38.4	109.5	15.7
30TH	389.25	64.1	15.5	3008	1623	21.3	9.6	989.7	319.9	-34.1	96.2	15.0
31ST	402.25	65.0	16.4	3008	1623	21.6	10.1	925.6	304.4	-30.0	83.8	14.3
32ND	415.25	65.9	17.2	3008	1623	21.9	10.6	860.6	288.0	-26.2	72.2	13.5
33RD	428.25	66.7	18.1	3008	1623	22.2	11.1	794.7	270.8	-22.6	61.4	12.7
34TH	441.25	67.6	18.9	3008	1623	22.5	11.7	728.0	252.7	-19.2	51.5	11.8
35TH	454.25	67.8	19.8	3008	1623	22.6	12.2	660.4	233.7	-16.0	42.5	10.8
36TH	467.25	67.9	20.8	3008	1623	22.6	12.8	592.5	213.9	-13.1	34.4	9.9
37TH	480.25	68.0	21.7	3008	1623	22.6	13.4	524.6	193.1	-10.4	27.1	8.9
38TH	493.25	68.0	22.6	3008	1623	22.6	13.9	456.6	171.4	-8.1	20.7	7.9
39TH	506.25	68.1	23.5	3008	1623	22.6	14.5	388.6	148.8	-6.0	15.2	6.9
40TH	519.25	68.1	24.9	3008	1623	22.6	15.3	320.5	125.3	-4.2	10.6	5.9
41ST	532.25	67.9	26.3	3008	1623	22.6	16.2	252.4	100.4	-2.7	6.9	4.9
42ND	545.25	82.6	34.1	4002	2171	20.7	15.7	184.5	74.1	-1.6	4.1	4.1
PENT	563.25	101.9	40.0	6390	3472	15.9	11.5	101.9	40.0	-.6	1.5	2.7
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							3064.6	427.3	-148.2	946.5	24.3
		123.6	13.6	5843	3152	21.2	4.3					
2ND	25.25							2941.0	413.7	-137.6	870.7	23.6
		57.9	3.4	3008	1623	19.3	2.1					
3RD	38.25							2883.1	410.3	-132.2	832.8	23.3
		57.0	3.8	3008	1623	18.9	2.3					
4TH	51.25							2826.1	406.5	-126.9	795.7	23.0
		56.0	4.2	3008	1623	18.6	2.6					
5TH	64.25							2770.1	402.4	-121.6	759.3	22.7
		55.1	4.5	3008	1623	18.3	2.8					
6TH	77.25							2715.0	397.9	-116.4	723.7	22.3
		54.7	4.9	3008	1623	18.2	3.0					
7TH	90.25							2660.3	392.9	-111.3	688.8	22.0
		56.1	5.5	3008	1623	18.6	3.4					
8TH	103.25							2604.2	387.4	-106.2	654.5	21.6
		57.4	6.2	3008	1623	19.1	3.8					
9TH	116.25							2546.7	381.2	-101.2	621.1	21.2
		58.8	6.8	3008	1623	19.5	4.2					
10TH	129.25							2488.0	374.5	-96.3	588.3	20.8
		60.1	7.4	3008	1623	20.0	4.5					
11TH	142.25							2427.8	367.1	-91.5	556.4	20.4
		60.8	7.8	3008	1623	20.2	4.8					
12TH	155.25							2367.0	359.3	-86.8	525.2	20.0
		61.0	7.8	3008	1623	20.3	4.8					
13TH	168.25							2306.0	351.5	-82.2	494.8	19.5
		61.2	7.7	3008	1623	20.3	4.8					
14TH	181.25							2244.9	343.7	-77.6	465.3	19.0
		61.4	7.7	3008	1623	20.4	4.8					
15TH	194.25							2183.5	336.0	-73.2	436.5	18.5
		61.6	7.7	3008	1623	20.5	4.7					
16TH	207.25							2121.9	328.3	-68.9	408.5	18.0
		62.8	7.9	3008	1623	20.9	4.8					
17TH	220.25							2059.1	320.5	-64.7	381.3	17.5
		64.6	8.2	3008	1623	21.5	5.1					
18TH	233.25							1994.5	312.3	-60.6	355.0	17.0
		66.3	8.6	3008	1623	22.0	5.3					
19TH	246.25							1928.2	303.7	-56.6	329.5	16.5
		68.0	8.9	3008	1623	22.6	5.5					
20TH	259.25							1860.2	294.8	-52.7	304.8	15.9
		69.7	9.3	3008	1623	23.2	5.7					
21ST	272.25							1790.5	285.5	-48.9	281.1	15.4
		70.4	9.4	3008	1623	23.4	5.8					
22ND	285.25							1720.2	276.1	-45.3	258.3	14.9
		70.9	9.4	3008	1623	23.6	5.8					
23RD	298.25							1649.3	266.6	-41.7	236.4	14.3
		71.5	9.5	3008	1623	23.8	5.8					
24TH	311.25							1577.8	257.2	-38.3	215.4	13.8
		72.0	9.5	3008	1623	23.9	5.9					
25TH	324.25							1505.7	247.7	-35.1	195.4	13.3
		72.6	9.6	3008	1623	24.1	5.9					
26TH	337.25							1433.2	238.1	-31.9	176.3	12.8
		73.3	9.9	3008	1623	24.4	6.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							1359.9	228.2	-28.9	158.1	12.2
		73.9	10.3	3008	1623	24.6	6.3					
28TH	363.25							1286.0	217.9	-26.0	140.9	11.7
		74.6	10.6	3008	1623	24.8	6.5					
29TH	376.25							1211.4	207.3	-23.2	124.7	11.2
		75.3	10.9	3008	1623	25.0	6.7					
30TH	389.25							1136.1	196.4	-20.6	109.4	10.7
		75.8	11.2	3008	1623	25.2	6.9					
31ST	402.25							1060.3	185.2	-18.1	95.1	10.2
		76.2	11.3	3008	1623	25.3	6.9					
32ND	415.25							984.2	173.9	-15.8	81.9	9.6
		76.5	11.3	3008	1623	25.4	7.0					
33RD	428.25							907.6	162.6	-13.6	69.6	9.1
		76.9	11.4	3008	1623	25.6	7.0					
34TH	441.25							830.7	151.2	-11.5	58.3	8.5
		77.3	11.4	3008	1623	25.7	7.0					
35TH	454.25							753.4	139.8	-9.6	48.0	7.9
		77.9	11.7	3008	1623	25.9	7.2					
36TH	467.25							675.4	128.1	-7.9	38.7	7.3
		78.4	12.0	3008	1623	26.1	7.4					
37TH	480.25							597.0	116.1	-6.3	30.4	6.6
		78.9	12.4	3008	1623	26.2	7.7					
38TH	493.25							518.1	103.7	-4.9	23.2	6.0
		79.4	12.8	3008	1623	26.4	7.9					
39TH	506.25							438.7	90.9	-3.6	16.9	5.4
		79.7	13.2	3008	1623	26.5	8.1					
40TH	519.25							359.0	77.7	-2.5	11.8	4.8
		78.5	15.3	3008	1623	26.1	9.4					
41ST	532.25							280.5	62.4	-1.6	7.6	4.2
		77.3	17.8	3008	1623	25.7	11.0					
42ND	545.25							203.2	44.5	-.9	4.4	3.6
		91.7	22.5	4002	2171	22.9	10.3					
PENT	563.25							111.5	22.1	-.3	1.6	2.6
		111.5	22.1	6390	3472	17.4	6.4					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							3066.3	-4.2	-4.6	959.0	7.3
		120.6	3.9	5843	3152	20.6	1.3					
2ND	25.25							2945.7	-8.1	-4.7	883.1	7.0
		57.6	-1.8	3008	1623	19.2	-1.1					
3RD	38.25							2888.1	-6.3	-4.8	845.2	7.0
		56.3	-2.0	3008	1623	18.7	-1.2					
4TH	51.25							2831.8	-4.4	-4.9	808.0	7.0
		55.0	-2.2	3008	1623	18.3	-1.3					
5TH	64.25							2776.8	-2.2	-4.9	771.5	7.0
		53.7	-2.4	3008	1623	17.8	-1.5					
6TH	77.25							2723.1	.2	-5.0	735.8	6.9
		52.9	-2.6	3008	1623	17.6	-1.6					
7TH	90.25							2670.2	2.8	-4.9	700.7	6.8
		54.3	-2.4	3008	1623	18.1	-1.5					
8TH	103.25							2615.9	5.2	-4.9	666.4	6.7
		55.7	-2.1	3008	1623	18.5	-1.3					
9TH	116.25							2560.2	7.3	-4.8	632.7	6.6
		57.0	-1.9	3008	1623	19.0	-1.2					
10TH	129.25							2503.2	9.2	-4.7	599.8	6.5
		58.4	-1.6	3008	1623	19.4	-1.0					
11TH	142.25							2444.7	10.8	-4.6	567.6	6.4
		59.4	-1.3	3008	1623	19.7	-.8					
12TH	155.25							2385.4	12.2	-4.4	536.3	6.3
		60.0	-.8	3008	1623	19.9	-.5					
13TH	168.25							2325.4	13.0	-4.3	505.6	6.2
		60.6	-.4	3008	1623	20.1	-.2					
14TH	181.25							2264.8	13.4	-4.1	475.8	6.0
		61.2	.1	3008	1623	20.4	.1					
15TH	194.25							2203.5	13.2	-3.9	446.8	5.9
		61.9	.6	3008	1623	20.6	.4					
16TH	207.25							2141.7	12.6	-3.7	418.5	5.7
		62.8	.8	3008	1623	20.9	.5					
17TH	220.25							2078.9	11.8	-3.6	391.1	5.5
		63.8	.6	3008	1623	21.2	.4					
18TH	233.25							2015.1	11.2	-3.4	364.5	5.4
		64.7	.5	3008	1623	21.5	.3					
19TH	246.25							1950.4	10.7	-3.3	338.7	5.3
		65.7	.4	3008	1623	21.8	.2					
20TH	259.25							1884.7	10.3	-3.2	313.8	5.1
		66.7	.2	3008	1623	22.2	.1					
21ST	272.25							1818.0	10.1	-3.0	289.7	5.0
		67.5	.1	3008	1623	22.4	.1					
22ND	285.25							1750.5	10.0	-2.9	266.5	4.9
		68.3	-.0	3008	1623	22.7	-.0					
23RD	298.25							1682.2	10.0	-2.8	244.2	4.8
		69.1	-.2	3008	1623	23.0	-.1					
24TH	311.25							1613.1	10.2	-2.6	222.8	4.7
		69.9	-.3	3008	1623	23.2	-.2					
25TH	324.25							1543.3	10.5	-2.5	202.2	4.7
		70.8	-.4	3008	1623	23.5	-.2					
26TH	337.25							1472.4	10.9	-2.4	182.6	4.6
		72.3	-.3	3008	1623	24.0	-.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								1400.2	11.1	-2.2	164.9	4.5
27TH	350.25	73.7	-.1	3008	1623	24.5	-.1	1326.4	11.2	-2.1	146.3	4.4
28TH	363.25	75.2	.0	3008	1623	25.0	.0	1251.3	11 2	-1.9	129.5	4.4
29TH	376.25	76.6	.2	3008	1623	25.5	.1	1174.7	11.1	-1.8	113.7	4.3
30TH	389.25	77.5	.2	3008	1623	25.8	.1	1097.2	10.9	-1.6	99.0	4.3
31ST	402.25	78.0	.0	3008	1623	25.9	.0	1019.2	10.8	-1.5	85.2	4.2
32ND	415.25	78.5	-.1	3008	1623	26.1	-.1	940.7	10.9	-1.4	72.5	4.0
33RD	428.25	78.9	-.3	3008	1623	26.2	-.2	861.8	11.2	-1.2	60.7	3.8
34TH	441.25	79.4	-.4	3008	1623	26.4	-.3	782.4	11.7	-1.1	50.1	3.6
35TH	454.25	80.0	-.4	3008	1623	26.6	-.3	702.4	12.1	-.9	40.4	3.4
36TH	467.25	80.7	-.2	3008	1623	26.8	-.1	621.7	12.3	-.7	31.8	3.2
37TH	480.25	81.3	-.1	3008	1623	27.0	-.0	540.5	12.4	-.6	24.2	3.0
38TH	493.25	81.9	.1	3008	1623	27.2	.1	458.6	12.3	-.4	17.8	2.8
39TH	506.25	82.4	.3	3008	1623	27.4	.2	376.2	11.9	-.3	12.3	2.7
40TH	519.25	81.9	2.4	3008	1623	27.2	1.5	294.3	9.5	-.1	8.0	2.5
41ST	532.25	81.5	5.0	3008	1623	27 1	3.1	212.8	4.6	-.0	4.7	2.5
42ND	545.25	95.6	4.6	4002	2171	23.9	2.1	117.3	-.0	.0	1.7	1.9
PENT	563.25	117.3	-.0	6390	3472	18.3	-.0	0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							3037.7	-412.4	131.2	939.2	-9.7
2ND	25.25	120.3	-9.4	5843	3152	20.6	-3.0	2917.4	-403.0	120.9	864.0	-9.6
3RD	38.25	56.5	-8.2	3008	1623	18.8	-5.0	2860.9	-394.9	115.7	826.4	-9.4
4TH	51.25	56.0	-8.1	3008	1623	18.6	-5.0	2804.9	-386.8	110.6	789.6	-9.1
5TH	64.25	55.4	-8.0	3008	1623	18.4	-4.9	2749.5	-378.8	105.7	753.5	-8.9
6TH	77.25	54.9	-7.9	3008	1623	18.2	-4.9	2694.6	-370.9	100.8	718.1	-8.7
7TH	90.25	54.8	-7.8	3008	1623	18.2	-4.8	2639.8	-363.1	96.0	683.4	-8.4
8TH	103.25	56.0	-7.6	3008	1623	18.6	-4.7	2583.9	-355.6	91.4	649.5	-8.2
9TH	116.25	57.2	-7.4	3008	1623	19.0	-4.6	2526.7	-348.2	86.8	616.3	-8.1
10TH	129.25	58.4	-7.2	3008	1623	19.4	-4.4	2468.3	-340.9	82.3	583.8	-7.9
11TH	142.25	59.6	-7.0	3008	1623	19.8	-4.3	2408.8	-333.9	77.9	552.1	-7.8
12TH	155.25	60.4	-7.0	3008	1623	20.1	-4.3	2348.4	-326.9	73.6	521.2	-7.8
13TH	168.25	61.2	-7.4	3008	1623	20.3	-4.5	2287.3	-319.6	69.4	491.0	-7.7
14TH	181.25	62.0	-7.7	3008	1623	20.6	-4.8	2225.3	-311.8	65.3	461.7	-7.6
15TH	194.25	62.8	-8.1	3008	1623	20.9	-5.0	2162.5	-303.7	61.3	433.2	-7.4
16TH	207.25	63.5	-8.5	3008	1623	21.1	-5.2	2099.0	-295.3	57.4	405.5	-7.3
17TH	220.25	64.4	-8.6	3008	1623	21.4	-5.3	2034.6	-286.7	53.6	378.6	-7.1
18TH	233.25	65.2	-8.5	3008	1623	21.7	-5.3	1969.3	-278.2	50.0	352.6	-6.9
19TH	246.25	66.0	-8.5	3008	1623	21.9	-5.2	1903.4	-269.7	46.4	327.4	-6.6
20TH	259.25	66.7	-8.4	3008	1623	22.2	-5.2	1836.6	-261.3	42.9	303.1	-6.3
21ST	272.25	67.5	-8.3	3008	1623	22.4	-5.1	1769.2	-253.0	39.6	279.7	-6.0
22ND	285.25	67.9	-8.8	3008	1623	22.6	-5.4	1701.3	-244.1	36.4	257.1	-5.6
23RD	298.25	68.4	-9.5	3008	1623	22.7	-5.9	1632.9	-234.6	33.3	235.4	-5.3
24TH	311.25	68.9	-10.2	3008	1623	22.9	-6.3	1564.0	-224.5	30.3	214.7	-4.9
25TH	324.25	69.3	-10.8	3008	1623	23.0	-6.7	1494.7	-213.7	27.4	194.8	-4.6
26TH	337.25	70.0	-11.4	3008	1623	23.3	-7.0	1424.7	-202.3	24.7	175.8	-4.3
		71.1	-11.2	3008	1623	23.6	-6.9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								1353.6	-191.1	22.2	157.7	-3.9
27TH	350.25	72.2	-11.0	3008	1623	24.0	-6.8					
								1281.3	-180.1	19.8	140.6	-3.5
28TH	363.25	73.3	-10.8	3008	1623	24.4	-6.6					
								1208.0	-169.3	17.5	124.4	-3.1
29TH	376.25	74.5	-10.6	3008	1623	24.8	-6.5					
								1133.5	-158.7	15.4	109.2	-2.7
30TH	389.25	75.2	-10.5	3008	1623	25.0	-6.5					
								1058.3	-148.2	13.4	95.0	-2.2
31ST	402.25	75.7	-10.6	3008	1623	25.1	-6.5					
								982.7	-137.6	11.5	81.7	-1.8
32ND	415.25	76.1	-10.7	3008	1623	25.3	-6.6					
								906.6	-127.0	9.8	69.4	-1.4
33RD	428.25	76.6	-10.8	3008	1623	25.5	-6.6					
								830.0	-116.2	8.2	58.1	-1.0
34TH	441.25	77.0	-10.9	3008	1623	25.6	-6.7					
								753.0	-105.3	6.8	47.9	-.7
35TH	454.25	77.7	-11.0	3008	1623	25.8	-6.8					
								675.2	-94.3	5.5	38.6	-.4
36TH	467.25	78.4	-11.3	3008	1623	26.0	-6.9					
								596.9	-83.0	4.3	30.3	-.0
37TH	480.25	79.0	-11.5	3008	1623	26.3	-7.1					
								517.9	-71.5	3.3	23.1	.3
38TH	493.25	79.6	-11.7	3008	1623	26.5	-7.2					
								438.3	-59.9	2.5	16.8	.7
39TH	506.25	80.1	-11.9	3008	1623	26.6	-7.3					
								358.2	-48.0	1.8	11.7	1.0
40TH	519.25	79.2	-9.9	3008	1623	26.3	-6.1					
								279.0	-38.0	1.2	7.5	1.4
41ST	532.25	78.2	-7.5	3008	1623	26.0	-4.6					
								200.8	-30.5	.7	4.4	1.7
42ND	545.25	90.4	-10.4	4002	2171	22.6	-4.8					
								110.4	-20.1	.3	1.6	1.5
PENT	563.25	110.4	-20.1	6390	3472	17.3	-5.8					
								0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							2711.4	-774.1	276.4	819.6	-26.8
		113.1	-10.7	5843	3152	19.4	-3.4					
2ND	25.25							2598.3	-763.4	257.0	752.6	-26.1
		53.0	-8.4	3008	1623	17.6	-5.2					
3RD	38.25							2545.3	-755.0	247.1	719.2	-25.5
		52.3	-8.2	3008	1623	17.4	-5.1					
4TH	51.25							2493.0	-746.8	237.4	686.4	-25.0
		51.5	-8.1	3008	1623	17.1	-5.0					
5TH	64.25							2441.4	-738.7	227.7	654.4	-24.6
		50.8	-8.0	3008	1623	16.9	-4.9					
6TH	77.25							2390.7	-730.7	218.2	622.9	-24.1
		50.6	-7.8	3008	1623	16.8	-4.8					
7TH	90.25							2340.1	-722.9	208.7	592.2	-23.7
		52.6	-8.2	3008	1623	17.5	-5.0					
8TH	103.25							2287.5	-714.7	199.4	562.1	-23.2
		54.5	-8.5	3008	1623	18.1	-5.2					
9TH	116.25							2233.0	-706.2	190.2	532.7	-22.8
		56.5	-8.9	3008	1623	18.8	-5.5					
10TH	129.25							2176.5	-697.3	181.0	504.1	-22.4
		58.4	-9.2	3008	1623	19.4	-5.7					
11TH	142.25							2118.1	-688.1	172.0	476.2	-21.9
		58.9	-9.7	3008	1623	19.6	-6.0					
12TH	155.25							2059.2	-678.4	163.1	449.0	-21.5
		58.0	-10.5	3008	1623	19.3	-6.5					
13TH	168.25							2001.2	-667.9	154.4	422.6	-21.0
		57.1	-11.4	3008	1623	19.0	-7.0					
14TH	181.25							1944.1	-656.5	145.8	397.0	-20.6
		56.2	-12.2	3008	1623	18.7	-7.5					
15TH	194.25							1887.8	-644.3	137.3	372.1	-20.1
		55.4	-13.1	3008	1623	18.4	-8.0					
16TH	207.25							1832.5	-631.2	129.0	347.9	-19.6
		56.4	-13.8	3008	1623	18.7	-8.5					
17TH	220.25							1776.1	-617.5	120.9	324.4	-19.1
		58.1	-14.3	3008	1623	19.3	-8.8					
18TH	233.25							1718.0	-603.1	113.0	301.7	-18.5
		59.8	-14.9	3008	1623	19.9	-9.2					
19TH	246.25							1658.2	-588.2	105.2	279.8	-17.8
		61.5	-15.5	3008	1623	20.4	-9.5					
20TH	259.25							1596.8	-572.8	97.7	258.6	-17.2
		63.1	-16.0	3008	1623	21.0	-9.9					
21ST	272.25							1533.7	-556.7	90.4	238.3	-16.4
		62.6	-17.3	3008	1623	20.8	-10.7					
22ND	285.25							1471.1	-539.4	83.2	218.7	-15.7
		61.9	-18.7	3008	1623	20.6	-11.5					
23RD	298.25							1409.2	-520.7	76.3	200.0	-14.9
		61.2	-20.1	3008	1623	20.4	-12.4					
24TH	311.25							1348.0	-500.6	69.7	182.1	-14.1
		60.5	-21.6	3008	1623	20.1	-13.3					
25TH	324.25							1287.4	-479.0	63.3	165.0	-13.4
		60.4	-22.9	3008	1623	20.1	-14.1					
26TH	337.25							1227.1	-456.2	57.3	148.6	-12.6
		61.9	-22.9	3008	1623	20.6	-14.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							1165.2	-433.2	51.5	133.1	-11.7
		63.4	-23.0	3008	1623	21.1	-14.1					
28TH	363.25							1101.7	-410.3	46.0	118.3	-10.8
		65.0	-23.0	3008	1623	21.6	-14.2					
29TH	376.25							1036.7	-387.3	40.8	104.4	-9.9
		66.5	-23.0	3008	1623	22.1	-14.2					
30TH	389.25							970.2	-364.3	35.9	91.4	-8.9
		67.3	-23.1	3008	1623	22.4	-14.2					
31ST	402.25							902.9	-341.2	31.3	79.2	-7.9
		67.3	-23.3	3008	1623	22.4	-14.3					
32ND	415.25							835.6	-317.9	27.1	67.9	-7.0
		67.3	-23.4	3008	1623	22.4	-14.4					
33RD	428.25							768.3	-294.4	23.1	57.5	-6.0
		67.3	-23.6	3008	1623	22.4	-14.5					
34TH	441.25							701.0	-270.8	19.4	47.9	-5.1
		67.2	-23.8	3008	1623	22.3	-14.7					
35TH	454.25							633.8	-247.0	16.0	39.3	-4.3
		67.5	-24.3	3008	1623	22.4	-15.0					
36TH	467.25							566.3	-222.8	13.0	31.5	-3.4
		68.0	-25.0	3008	1623	22.6	-15.4					
37TH	480.25							498.3	-197.8	10.2	24.5	-2.6
		68.6	-25.8	3008	1623	22.8	-15.9					
38TH	493.25							429.7	-172.0	7.8	18.5	-1.8
		69.1	-26.5	3008	1623	23.0	-16.3					
39TH	506.25							360.6	-145.5	5.8	13.4	-1.0
		69.6	-27.2	3008	1623	23.1	-16.8					
40TH	519.25							291.0	-118.3	4.1	9.1	-.3
		68.3	-25.4	3008	1623	22.7	-15.7					
41ST	532.25							222.7	-92.9	2.7	5.8	.4
		66.8	-23.0	3008	1623	22.2	-14.2					
42ND	545.25							155.9	-69.8	1.6	3.3	1.2
		73.7	-27.2	4002	2171	18.4	-12.5					
PENT	563.25							82.1	-42.6	.6	1.2	1.3
		82.1	-42.6	6390	3472	12.9	-12.3					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	103.3	-29.9	5843	3152	17.7	-9.5	2279.6	-1343.2	449.4	681.5	-46.1
2ND	25.25	47.8	-18.2	3008	1623	15.9	-11.2	2176.3	-1313.3	415.9	625.3	-45.0
3RD	38.25	46.9	-18.6	3008	1623	15.6	-11.4	2128.5	-1295.1	398.9	597.3	-44.3
4TH	51.25	46.0	-18.9	3008	1623	15.3	-11.6	2081.6	-1276.5	382.2	569.9	-43.5
5TH	64.25	45.1	-19.2	3008	1623	15.0	-11.8	2035.6	-1257.6	365.7	543.1	-42.8
6TH	77.25	44.6	-19.5	3008	1623	14.8	-12.0	1990.6	-1238.4	349.5	517.0	-42.0
7TH	90.25	45.6	-20.1	3008	1623	15.2	-12.4	1945.9	-1218.9	333.5	491.4	-41.2
8TH	103.25	46.6	-20.6	3008	1623	15.5	-12.7	1900.3	-1198.8	317.8	466.4	-40.4
9TH	116.25	47.6	-21.1	3008	1623	15.8	-13.0	1853.7	-1178.2	302.4	442.0	-39.6
10TH	129.25	48.6	-21.6	3008	1623	16.2	-13.3	1806.1	-1157.1	287.2	418.2	-38.7
11TH	142.25	48.6	-22.3	3008	1623	16.1	-13.8	1757.5	-1135.5	272.3	395.0	-37.9
12TH	155.25	47.8	-23.5	3008	1623	15.9	-14.5	1709.0	-1113.1	257.7	372.5	-37.0
13TH	168.25	47.1	-24.6	3008	1623	15.7	-15.2	1661.2	-1089.6	243.3	350.6	-36.1
14TH	181.25	46.4	-25.7	3008	1623	15.4	-15.9	1614.1	-1065.0	229.3	329.3	-35.2
15TH	194.25	45.6	-26.9	3008	1623	15.2	-16.6	1567.7	-1039.3	215.7	308.6	-34.3
16TH	207.25	46.5	-27.8	3008	1623	15.5	-17.1	1522.1	-1012.4	202.3	288.5	-33.4
17TH	220.25	47.7	-28.6	3008	1623	15.8	-17.6	1475.6	-984.6	189.3	269.1	-32.5
18TH	233.25	48.8	-29.3	3008	1623	16.2	-18.1	1428.0	-956.0	176.7	250.2	-31.6
19TH	246.25	50.0	-30.1	3008	1623	16.6	-18.5	1379.1	-926.7	164.5	231.9	-30.6
20TH	259.25	51.1	-30.9	3008	1623	17.0	-19.0	1329.1	-896.6	152.6	214.3	-29.6
21ST	272.25	51.3	-31.5	3008	1623	17.0	-19.4	1278.0	-865.7	141.2	197.4	-28.6
22ND	285.25	51.5	-32.0	3008	1623	17.1	-19.7	1226.7	-834.2	130.1	181.1	-27.5
23RD	298.25	51.7	-32.6	3008	1623	17.2	-20.1	1175.3	-802.2	119.5	165.5	-26.4
24TH	311.25	51.9	-33.1	3008	1623	17.3	-20.4	1123.5	-769.7	109.3	150.5	-25.2
25TH	324.25	52.4	-33.6	3008	1623	17.4	-20.7	1071.6	-736.5	99.5	136.3	-23.9
26TH	337.25	53.0	-33.3	3008	1623	17.6	-20.5	1019.2	-702.9	90.1	122.7	-22.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								966.2	-669.6	81.2	109.8	-21.2
27TH	350.25	53.7	-33.1	3008	1623	17.9	-20.4	912.5	-636.5	72.7	97.6	-19.7
28TH	363.25	54.4	-32.8	3008	1623	18.1	-20.2	858.1	-603.7	64.7	86.1	-18.2
29TH	376.25	55.0	-32.5	3008	1623	18.3	-20.0	803.1	-571.2	57.0	75.3	-16.6
30TH	389.25	55.3	-32.8	3008	1623	18.4	-20.2	747.7	-538.4	49.8	65.2	-15.1
31ST	402.25	55.4	-34.3	3008	1623	18.4	-21.1	692.4	-504.1	43.0	55.8	-13.5
32ND	415.25	55.4	-35.9	3008	1623	18.4	-22.1	636.9	-468.2	36.7	47.2	-12.0
33RD	428.25	55.5	-37.4	3008	1623	18.4	-23.0	581.5	-430.9	30.9	39.3	-10.6
34TH	441.25	55.5	-38.9	3008	1623	18.5	-24.0	525.9	-392.0	25.5	32.1	-9.1
35TH	454.25	56.1	-39.8	3008	1623	18.7	-24.5	469.8	-352.2	20.7	25.6	-7.7
36TH	467.25	56.9	-40.1	3008	1623	18.9	-24.7	412.9	-312.1	16.4	19.9	-6.3
37TH	480.25	57.8	-40.4	3008	1623	19.2	-24.9	355.1	-271.7	12.6	14.9	-4.8
38TH	493.25	58.6	-40.7	3008	1623	19.5	-25.1	296.5	-231.0	9.3	10.6	-3.4
39TH	506.25	59.3	-41.1	3008	1623	19.7	-25.3	237.2	-189.9	6.6	7.2	-1.9
40TH	519.25	58.5	-39.1	3008	1623	19.4	-24.1	178.7	-150.8	4.3	4.5	-.5
41ST	532.25	57.4	-36.6	3008	1623	19.1	-22.6	121.3	-114.2	2.6	2.5	.8
42ND	545.25	61.2	-46.2	4002	2171	15.3	-21.3	60.1	-68.0	1.0	.9	1.3
PENT	563.25	60.1	-68.0	6390	3472	9.4	-19.6	0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							2081.8	-1410.1	477.2	617.9	-58.6
		97.5	-25.9	5843	3152	16.7	-8.2					
2ND	25.25							1984.3	-1384.2	441.9	566.5	-57.1
		44.4	-17.6	3008	1623	14.8	-10.8					
3RD	38.25							1939.9	-1366.6	424.0	541.0	-56.3
		43.4	-18.1	3008	1623	14.4	-11.2					
4TH	51.25							1896.5	-1348.4	406.4	516.1	-55.4
		42.4	-18.7	3008	1623	14.1	-11.5					
5TH	64.25							1854.1	-1329.8	388.9	491.7	-54.4
		41.4	-19.2	3008	1623	13.8	-11.9					
6TH	77.25							1812.6	-1310.5	371.8	467.9	-53.5
		41.4	-19.8	3008	1623	13.8	-12.2					
7TH	90.25							1771.2	-1290.7	354.9	444.6	-52.4
		43.1	-20.5	3008	1623	14.3	-12.6					
8TH	103.25							1728.1	-1270.2	338.2	421.8	-51.4
		44.8	-21.2	3008	1623	14.9	-13.1					
9TH	116.25							1683.3	-1249.0	321.9	399.7	-50.3
		46.6	-21.9	3008	1623	15.5	-13.5					
10TH	129.25							1636.7	-1227.1	305.8	378.1	-49.2
		48.3	-22.6	3008	1623	16.1	-13.9					
11TH	142.25							1588.4	-1204.5	290.0	357.1	-48.1
		47.5	-23.5	3008	1623	15.8	-14.5					
12TH	155.25							1540.9	-1181.1	274.4	336.8	-47.0
		45.4	-24.8	3008	1623	15.1	-15.3					
13TH	168.25							1495.5	-1156.2	259.3	317.1	-45.9
		43.3	-26.2	3008	1623	14.4	-16.1					
14TH	181.25							1452.1	-1130.0	244.4	297.9	-44.8
		41.2	-27.6	3008	1623	13.7	-17.0					
15TH	194.25							1410.9	-1102.4	229.9	279.3	-43.6
		39.1	-28.9	3008	1623	13.0	-17.8					
16TH	207.25							1371.9	-1073.5	215.7	261.2	-42.4
		39.7	-29.8	3008	1623	13.2	-18.4					
17TH	220.25							1332.2	-1043.7	202.0	243.6	-41.2
		40.7	-30.4	3008	1623	13.5	-18.7					
18TH	233.25							1291.4	-1013.3	188.6	226.6	-39.9
		41.8	-31.0	3008	1623	13.9	-19.1					
19TH	246.25							1249.6	-982.3	175.6	210.0	-38.5
		42.8	-31.6	3008	1623	14.2	-19.4					
20TH	259.25							1206.8	-950.7	163.1	194.1	-37.1
		43.8	-32.1	3008	1623	14.6	-19.8					
21ST	272.25							1163.0	-918.6	150.9	178.7	-35.6
		45.0	-32.6	3008	1623	15.0	-20.1					
22ND	285.25							1118.0	-886.0	139.2	163.9	-34.2
		46.3	-33.1	3008	1623	15.4	-20.4					
23RD	298.25							1071.6	-852.9	127.9	149.6	-32.6
		47.7	-33.6	3008	1623	15.8	-20.7					
24TH	311.25							1024.0	-819.3	117.0	136.0	-31.1
		49.0	-34.0	3008	1623	16.3	-21.0					
25TH	324.25							975.0	-785.3	106.6	123.0	-29.5
		50.0	-34.5	3008	1623	16.6	-21.2					
26TH	337.25							925.0	-750.8	96.6	110.7	-27.9
		49.8	-34.6	3008	1623	16.5	-21.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								875.2	-716.2	87.1	99.0	-26.2
27TH	350.25	49.6	-34.8	3008	1623	16.5	-21.4					
								825.6	-681.4	78.0	87.9	-24.5
28TH	363.25	49.4	-34.9	3008	1623	16.4	-21.5					
								776.3	-646.5	69.3	77.5	-22.8
29TH	376.25	49.2	-35.0	3008	1623	16.3	-21.6					
								727.1	-611.5	61.2	67.7	-21.0
30TH	389.25	49.3	-35.6	3008	1623	16.4	-22.0					
								677.8	-575.8	53.5	58.6	-19.2
31ST	402.25	49.6	-37.2	3008	1623	16.5	-22.9					
								628.1	-538.6	46.2	50.1	-17.4
32ND	415.25	49.9	-38.8	3008	1623	16.6	-23.9					
								578.2	-499.8	39.5	42.3	-15.7
33RD	428.25	50.2	-40.4	3008	1623	16.7	-24.9					
								527.9	-459.4	33.2	35.1	-13.9
34TH	441.25	50.5	-42.0	3008	1623	16.8	-25.9					
								477.4	-417.4	27.5	28.5	-12.2
35TH	454.25	51.2	-42.5	3008	1623	17.0	-26.2					
								426.2	-374.9	22.4	22.7	-10.5
36TH	467.25	52.2	-42.3	3008	1623	17.4	-26.1					
								374.0	-332.6	17.8	17.5	-8.8
37TH	480.25	53.3	-42.1	3008	1623	17.7	-25.9					
								320.7	-290.5	13.7	12.9	-7.1
38TH	493.25	54.3	-41.8	3008	1623	18.1	-25.8					
								266.4	-248.7	10.2	9.1	-5.3
39TH	506.25	55.4	-41.6	3008	1623	18.4	-25.6					
								211.0	-207.1	7.3	6.0	-3.5
40TH	519.25	55.5	-40.7	3008	1623	18.4	-25.1					
								155.5	-166.4	4.8	3.6	-1.6
41ST	532.25	55.2	-39.6	3008	1623	18.3	-24.4					
								100.3	-126.8	2.9	2.0	.2
42ND	545.25	54.5	-50.7	4002	2171	13.6	-23.4					
								45.8	-76.0	1.1	.7	1.0
PENT	563.25	45.8	-76.0	6390	3472	7.2	-21.9					
								0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							2452.4	-1101.3	353.6	750.0	-64.7
		101.1	-25.4	5843	3152	17.3	-8.1					
2ND	25.25							2351.4	-1075.9	326.1	689.4	-62.9
		48.6	-15.4	3008	1623	16.2	-9.5					
3RD	38.25							2302.7	-1060.4	312.2	659.1	-61.8
		47.9	-15.9	3008	1623	15.9	-9.8					
4TH	51.25							2254.9	-1044.5	298.5	629.5	-60.7
		47.1	-16.5	3008	1623	15.7	-10.1					
5TH	64.25							2207.8	-1028.0	285.1	600.5	-59.6
		46.3	-17.0	3008	1623	15.4	-10.5					
6TH	77.25							2161.5	-1011.1	271.8	572.1	-58.5
		46.3	-17.5	3008	1623	15.4	-10.8					
7TH	90.25							2115.1	-993.5	258.8	544.3	-57.3
		48.0	-18.6	3008	1623	16.0	-11.5					
8TH	103.25							2067.2	-974.9	246.0	517.1	-56.0
		49.7	-19.7	3008	1623	16.5	-12.1					
9TH	116.25							2017.5	-955.2	233.4	490.5	-54.7
		51.3	-20.8	3008	1623	17.1	-12.8					
10TH	129.25							1966.2	-934.4	221.2	464.7	-53.2
		53.0	-21.9	3008	1623	17.6	-13.5					
11TH	142.25							1913.2	-912.5	209.1	439.4	-51.7
		52.3	-23.0	3008	1623	17.4	-14.2					
12TH	155.25							1860.9	-889.6	197.4	414.9	-50.2
		50.6	-24.0	3008	1623	16.8	-14.8					
13TH	168.25							1810.3	-865.6	186.0	391.0	-48.7
		48.9	-25.0	3008	1623	16.2	-15.4					
14TH	181.25							1761.4	-840.6	174.9	367.8	-47.2
		47.1	-26.0	3008	1623	15.7	-16.0					
15TH	194.25							1714.3	-814.7	164.2	345.2	-45.7
		45.4	-27.0	3008	1623	15.1	-16.6					
16TH	207.25							1668.9	-787.7	153.8	323.2	-44.3
		46.5	-27.2	3008	1623	15.5	-16.7					
17TH	220.25							1622.4	-760.6	143.7	301.8	-42.8
		48.1	-26.8	3008	1623	16.0	-16.5					
18TH	233.25							1574.3	-733.8	134.0	281.1	-41.2
		49.6	-26.4	3008	1623	16.5	-16.2					
19TH	246.25							1524.7	-707.4	124.6	260.9	-39.6
		51.2	-25.9	3008	1623	17.0	-16.0					
20TH	259.25							1473.6	-681.5	115.6	241.4	-38.0
		52.7	-25.5	3008	1623	17.5	-15.7					
21ST	272.25							1420.9	-656.0	106.9	222.6	-36.4
		53.4	-25.4	3008	1623	17.7	-15.7					
22ND	285.25							1367.5	-630.5	98.5	204.5	-34.7
		53.9	-25.4	3008	1623	17.9	-15.7					
23RD	298.25							1313.6	-605.1	90.5	187.1	-33.0
		54.5	-25.4	3008	1623	18.1	-15.7					
24TH	311.25							1259.1	-579.6	82.8	170.3	-31.4
		55.0	-25.4	3008	1623	18.3	-15.7					
25TH	324.25							1204.1	-554.2	75.4	154.3	-29.6
		55.5	-25.4	3008	1623	18.5	-15.7					
26TH	337.25							1148.6	-528.8	68.4	139.0	-27.9
		56.7	-25.6	3008	1623	18.8	-15.8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							1091.9	-503.2	61.7	124.5	-26.2
		57.8	-25.8	3008	1623	19.2	-15.9					
28TH	363.25							1034.1	-477.4	55.3	110.7	-24.4
		58.9	-26.0	3008	1623	19.6	-16.0					
29TH	376.25							975.2	-451.4	49.3	97.6	-22.6
		60.1	-26.1	3008	1623	20.0	-16.1					
30TH	389.25							915.1	-425.3	43.6	85.3	-20.8
		61.3	-26.2	3008	1623	20.4	-16.2					
31ST	402.25							853.8	-399.1	38.2	73.8	-18.9
		62.3	-26.1	3008	1623	20.7	-16.1					
32ND	415.25							791.5	-372.9	33.2	63.1	-17.2
		63.3	-26.0	3008	1623	21.0	-16.0					
33RD	428.25							728.3	-346.9	28.5	53.2	-15.4
		64.3	-25.9	3008	1623	21.4	-16.0					
34TH	441.25							664.0	-321.0	24.2	44.2	-13.7
		65.2	-25.8	3008	1623	21.7	-15.9					
35TH	454.25							598.8	-295.2	20.2	36.0	-12.1
		65.9	-26.3	3008	1623	21.9	-16.2					
36TH	467.25							532.9	-268.9	16.5	28.6	-10.5
		66.5	-27.3	3008	1623	22.1	-16.8					
37TH	480.25							466.4	-241.6	13.2	22.1	-8.8
		67.2	-28.3	3008	1623	22.3	-17.4					
38TH	493.25							399.1	-213.3	10.2	16.5	-7.1
		67.9	-29.3	3008	1623	22.6	-18.1					
39TH	506.25							331.3	-184.0	7.6	11.8	-5.4
		68.5	-30.3	3008	1623	22.8	-18.7					
40TH	519.25							262.7	-153.7	5.5	7.9	-3.7
		66.7	-29.7	3008	1623	22.2	-18.3					
41ST	532.25							196.0	-123.9	3.6	4.9	-2.0
		64.4	-28.8	3008	1623	21.4	-17.7					
42ND	545.25							131.6	-95.2	2.2	2.8	-.2
		63.2	-37.1	4002	2171	15.8	-17.1					
PENT	563.25							68.4	-58.1	.8	1.0	.5
		68.4	-58.1	6390	3472	10.7	-16.7					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							2104.2	-1171.8	361.6	636.1	-59.6
		89.6	-30.0	5843	3152	15.3	-9.5					
2ND	25.25							2014.6	-1141.8	332.4	584.1	-57.8
		42.6	-18.6	3008	1623	14.2	-11.5					
3RD	38.25							1971.9	-1123.2	317.7	558.2	-56.7
		41.7	-19.8	3008	1623	13.8	-12.2					
4TH	51.25							1930.3	-1103.4	303.2	532.8	-55.6
		40.7	-21.0	3008	1623	13.5	-12.9					
5TH	64.25							1889.6	-1082.4	289.0	508.0	-54.4
		39.7	-22.2	3008	1623	13.2	-13.7					
6TH	77.25							1849.9	-1060.2	275.1	483.7	-53.2
		39.3	-23.4	3008	1623	13.1	-14.4					
7TH	90.25							1810.6	-1036.8	261.4	459.9	-51.8
		40.9	-24.1	3008	1623	13.6	-14.9					
8TH	103.25							1769.8	-1012.7	248.1	436.6	-50.5
		42.4	-24.8	3008	1623	14.1	-15.3					
9TH	116.25							1727.3	-987.9	235.1	413.9	-49.0
		44.0	-25.5	3008	1623	14.6	-15.7					
10TH	129.25							1683.3	-962.4	222.4	391.7	-47.4
		45.6	-26.2	3008	1623	15.2	-16.2					
11TH	142.25							1637.7	-936.1	210.1	370.2	-45.8
		45.1	-26.8	3008	1623	15.0	-16.5					
12TH	155.25							1592.6	-909.3	198.1	349.2	-44.2
		43.3	-26.8	3008	1623	14.4	-16.5					
13TH	168.25							1549.2	-882.5	186.5	328.7	-42.7
		41.6	-26.9	3008	1623	13.8	-16.6					
14TH	181.25							1507.6	-855.6	175.2	308.9	-41.3
		39.8	-27.0	3008	1623	13.2	-16.6					
15TH	194.25							1467.9	-828.6	164.2	289.5	-40.0
		38.0	-27.1	3008	1623	12.6	-16.7					
16TH	207.25							1429.8	-801.5	153.6	270.7	-38.8
		39.5	-27.3	3008	1623	13.1	-16.8					
17TH	220.25							1390.4	-774.2	143.4	252.4	-37.5
		41.7	-27.7	3008	1623	13.9	-17.1					
18TH	233.25							1348.7	-746.5	133.5	234.6	-36.2
		43.9	-28.1	3008	1623	14.6	-17.3					
19TH	246.25							1304.8	-718.4	124.0	217.3	-34.8
		46.1	-28.5	3008	1623	15.3	-17.6					
20TH	259.25							1258.6	-689.8	114.8	200.7	-33.4
		48.3	-28.9	3008	1623	16.1	-17.8					
21ST	272.25							1210.3	-660.9	106.0	184.6	-32.0
		48.7	-28.5	3008	1623	16.2	-17.6					
22ND	285.25							1161.7	-632.4	97.6	169.2	-30.5
		48.9	-27.9	3008	1623	16.3	-17.2					
23RD	298.25							1112.7	-604.5	89.6	154.4	-29.1
		49.2	-27.2	3008	1623	16.4	-16.8					
24TH	311.25							1063.5	-577.3	81.9	140.3	-27.6
		49.5	-26.6	3008	1623	16.4	-16.4					
25TH	324.25							1014.1	-550.7	74.6	126.8	-26.2
		49.9	-26.0	3008	1623	16.6	-16.0					
26TH	337.25							964.2	-524.7	67.6	113.9	-24.7
		50.9	-25.7	3008	1623	16.9	-15.8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS = 42
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25	51.9	-25.3	3008	1623	17.3	-15.6	913.3	-499.0	60.9	101.7	-23.2
28TH	363.25	52.9	-25.0	3008	1623	17.6	-15.4	861.4	-473.7	54.6	90.2	-21.6
29TH	376.25	54.0	-24.6	3008	1623	17.9	-15.2	808.5	-448.7	48.6	79.3	-19.9
30TH	389.25	54.5	-24.6	3008	1623	18.1	-15.1	754.5	-424.1	42.9	69.1	-18.2
31ST	402.25	54.5	-25.2	3008	1623	18.1	-15.5	700.0	-399.5	37.6	59.7	-16.4
32ND	415.25	54.5	-25.7	3008	1623	18.1	-15.9	645.5	-374.3	32.6	50.9	-14.8
33RD	428.25	54.5	-26.3	3008	1623	18.1	-16.2	590.9	-348.6	27.9	42.9	-13.2
34TH	441.25	54.5	-26.9	3008	1623	18.1	-16.6	536.4	-322.2	23.5	35.6	-11.6
35TH	454.25	54.4	-27.7	3008	1623	18.1	-17.1	481.9	-295.3	19.5	29.0	-10.1
36TH	467.25	54.2	-28.7	3008	1623	18.0	-17.7	427.6	-267.6	15.8	23.0	-8.7
37TH	480.25	54.0	-29.7	3008	1623	18.0	-18.3	373.4	-238.9	12.5	17.8	-7.2
38TH	493.25	53.9	-30.7	3008	1623	17.9	-18.9	319.4	-209.3	9.6	13.3	-5.8
39TH	506.25	53.7	-31.6	3008	1623	17.8	-19.5	265.5	-178.6	7.1	9.5	-4.5
40TH	519.25	51.7	-31.5	3008	1623	17.2	-19.4	211.8	-147.0	5.0	6.4	-3.1
41ST	532.25	49.4	-31.2	3008	1623	16.4	-19.2	160.1	-115.5	3.3	4.0	-1.7
42ND	545.25	57.3	-32.3	4002	2171	14.3	-14.9	110.7	-84.3	2.0	2.3	-.4
PENT	563.25	53.5	-52.0	6390	3472	8.4	-15.0	53.5	-52.0	.8	.8	.5
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1577.5	-1351.4	428.9	474.8	-47.4
		75.5	-29.7	5843	3152	12.9	-9.4					
2ND	25.25							1502.0	-1321.6	395.2	435.9	-45.4
		34.9	-18.4	3008	1623	11.6	-11.4					
3RD	38.25							1467.0	-1303.2	378.1	416.6	-44.2
		33.4	-19.9	3008	1623	11.1	-12.3					
4TH	51.25							1433.6	-1283.3	361.3	397.8	-43.1
		31.9	-21.4	3008	1623	10.6	-13.2					
5TH	64.25							1401.7	-1261.9	344.7	379.3	-42.0
		30.5	-22.9	3008	1623	10.1	-14.1					
6TH	77.25							1371.2	-1239.0	328.5	361.3	-40.9
		29.0	-24.4	3008	1623	9.6	-15.0					
7TH	90.25							1342.2	-1214.6	312.5	343.7	-39.9
		28.8	-25.2	3008	1623	9.6	-15.6					
8TH	103.25							1313.4	-1189.3	296.9	326.4	-38.8
		28.5	-26.1	3008	1623	9.5	-16.1					
9TH	116.25							1284.8	-1163.2	281.6	309.5	-37.7
		28.3	-26.9	3008	1623	9.4	-16.6					
10TH	129.25							1256.5	-1136.3	266.7	293.0	-36.6
		28.1	-27.8	3008	1623	9.3	-17.1					
11TH	142.25							1228.5	-1108.5	252.1	276.9	-35.5
		28.3	-28.6	3008	1623	9.4	-17.6					
12TH	155.25							1200.2	-1079.9	237.9	261.1	-34.4
		29.1	-29.3	3008	1623	9.7	-18.1					
13TH	168.25							1171.1	-1050.6	224.0	245.7	-33.3
		29.9	-30.1	3008	1623	9.9	-18.5					
14TH	181.25							1141.1	-1020.5	210.6	230.6	-32.3
		30.7	-30.8	3008	1623	10.2	-19.0					
15TH	194.25							1110.4	-989.6	197.5	216.0	-31.4
		31.6	-31.6	3008	1623	10.5	-19.5					
16TH	207.25							1078.8	-958.1	184.8	201.8	-30.4
		33.1	-31.9	3008	1623	11.0	-19.6					
17TH	220.25							1045.8	-926.2	172.6	188.0	-29.5
		34.7	-31.8	3008	1623	11.5	-19.6					
18TH	233.25							1011.1	-894.3	160.7	174.6	-28.5
		36.3	-31.8	3008	1623	12.1	-19.6					
19TH	246.25							974.8	-862.6	149.3	161.7	-27.4
		37.9	-31.7	3008	1623	12.6	-19.5					
20TH	259.25							936.9	-830.9	138.3	149.2	-26.3
		39.4	-31.6	3008	1623	13.1	-19.5					
21ST	272.25							897.5	-799.3	127.7	137.3	-25.2
		38.7	-31.7	3008	1623	12.9	-19.6					
22ND	285.25							858.8	-767.5	117.5	125.9	-24.1
		37.9	-31.9	3008	1623	12.6	-19.6					
23RD	298.25							820.9	-735.7	107.8	115.0	-22.9
		37.2	-32.0	3008	1623	12.4	-19.7					
24TH	311.25							783.7	-703.7	98.4	104.6	-21.8
		36.4	-32.1	3008	1623	12.1	-19.8					
25TH	324.25							747.3	-671.5	89.5	94.6	-20.6
		36.1	-32.2	3008	1623	12.0	-19.9					
26TH	337.25							711.2	-639.3	81.0	85.1	-19.4
		36.8	-31.8	3008	1623	12.2	-19.6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							674.3	-607.5	72.9	76.1	-18.2
		37.6	-31.3	3008	1623	12.5	-19.3					
28TH	363.25							636.7	-576.2	65.2	67.6	-17.0
		38.3	-30.8	3008	1623	12.7	-19.0					
29TH	376.25							598.4	-545.4	57.9	59.6	-15.7
		39.0	-30.4	3008	1623	13.0	-18.7					
30TH	389.25							559.4	-515.0	51.0	52.0	-14.4
		39.4	-30.4	3008	1623	13.1	-18.7					
31ST	402.25							520.0	-484.7	44.5	45.0	-13.0
		39.4	-31.4	3008	1623	13.1	-19.4					
32ND	415.25							480.6	-453.2	38.4	38.5	-11.7
		39.3	-32.5	3008	1623	13.1	-20.0					
33RD	428.25							441.3	-420.7	32.7	32.5	-10.5
		39.2	-33.6	3008	1623	13.0	-20.7					
34TH	441.25							402.1	-387.1	27.4	27.1	-9.3
		39.2	-34.7	3008	1623	13.0	-21.4					
35TH	454.25							362.9	-352.5	22.6	22.1	-8.1
		39.5	-35.5	3008	1623	13.1	-21.8					
36TH	467.25							323.5	-317.0	18.3	17.6	-7.0
		39.9	-36.0	3008	1623	13.2	-22.2					
37TH	480.25							283.6	-281.0	14.4	13.7	-5.9
		40.3	-36.6	3008	1623	13.4	-22.6					
38TH	493.25							243.4	-244.3	11.0	10.2	-4.9
		40.7	-37.2	3008	1623	13.5	-23.0					
39TH	506.25							202.7	-207.1	8.1	7.3	-3.8
		40.9	-37.8	3008	1623	13.6	-23.3					
40TH	519.25							161.8	-169.2	5.6	5.0	-2.8
		37.7	-37.5	3008	1623	12.5	-23.1					
41ST	532.25							124.2	-131.7	3.7	3.1	-1.8
		34.2	-36.9	3008	1623	11.4	-22.7					
42ND	545.25							89.9	-94.8	2.2	1.7	-.9
		50.7	-38.5	4002	2171	12.7	-17.7					
PENT	563.25							39.2	-56.4	.8	.6	.4
		39.2	-56.4	6390	3472	6.1	-16.2					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							1324.7	-1285.8	409.7	385.0	-36.2
		69.4	-28.5	5843	3152	11.9	-9.0					
2ND	25.25							1255.3	-1257.3	377.6	352 4	-34.1
		33.6	-16.6	3008	1623	11.2	-10.2					
3RD	38.25							1221.7	-1240.7	361.4	336.3	-33.0
		32.5	-18.2	3008	1623	10.8	-11.2					
4TH	51.25							1189.2	-1222.5	345.4	320.6	-31.9
		31.4	-19.7	3008	1623	10.4	-12.2					
5TH	64.25							1157.9	-1202.8	329.6	305.4	-30.8
		30.2	-21.3	3008	1623	10.1	-13.1					
6TH	77.25							1127.6	-1181.5	314.1	290.5	-29.7
		28.4	-22.9	3008	1623	9.4	-14.1					
7TH	90.25							1099.2	-1158.6	298.9	276 1	-28.7
		25.8	-23.7	3008	1623	8.6	-14.6					
8TH	103.25							1073.4	-1134.9	284.0	261.9	-27.8
		23.1	-24.5	3008	1623	7.7	-15.1					
9TH	116.25							1050.3	-1110.4	269.4	248.1	-27.0
		20.5	-25.4	3008	1623	6.8	-15.6					
10TH	129.25							1029.8	-1085.0	255.1	234.6	-26.3
		17.8	-26.2	3008	1623	5.9	-16.1					
11TH	142.25							1012.0	-1058.8	241.2	221.3	-25.7
		18.3	-27.0	3008	1623	6.1	-16.6					
12TH	155.25							993.6	-1031.8	227.6	208.3	-25.1
		21.2	-27.5	3008	1623	7.0	-16.9					
13TH	168.25							972.5	-1004.3	214.4	195.5	-24.5
		24.1	-28.0	3008	1623	8.0	-17.3					
14TH	181.25							948.4	-976.3	201.5	183.0	-23.8
		26.9	-28.6	3008	1623	9.0	-17.6					
15TH	194.25							921.4	-947.7	189.0	170.9	-23.0
		29.8	-29.1	3008	1623	9.9	-18.0					
16TH	207.25							891.6	-918.6	176.9	159.1	-22.2
		31.3	-29.5	3008	1623	10.4	-18.2					
17TH	220.25							860.4	-889.1	165.1	147.7	-21.4
		32.5	-29.7	3008	1623	10.8	-18.3					
18TH	233.25							827.8	-859.4	153.8	136.7	-20.6
		33.8	-29.9	3008	1623	11.2	-18.4					
19TH	246.25							794.0	-829.5	142.8	126.2	-19.8
		35.1	-30.1	3008	1623	11.7	-18.5					
20TH	259.25							759.0	-799.4	132.2	116.1	-19.9
		36.2	-30.3	3008	1623	12.0	-18.7					
21ST	272 25							722.7	-769.1	122.0	106.5	-18.2
		35.5	-30.1	3008	1623	11.8	-18.6					
22ND	285.25							687.2	-739.0	112.2	97.3	-17.3
		34.7	-29.9	3008	1623	11.6	-18.4					
23RD	298.25							652.5	-709.1	102.8	88.6	-16.6
		34.0	-29.6	3008	1623	11.3	-18.3					
24TH	311.25							618.5	-679.5	93.8	80.3	-15.8
		33.2	-29.4	3008	1623	11.0	-18.1					
25TH	324.25							585.3	-650.1	85.1	72.5	-15.1
		32.6	-29.2	3008	1623	10.8	-18.0					
26TH	337.25							552.6	-621.0	76.9	65.1	-14.3
		32.4	-30.1	3008	1623	10.8	-18.5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							520.3	-590.9	69.0	58.1	-13.6
		32.2	-31.0	3008	1623	10.7	-19.1					
28TH	363.25							488.1	-559.9	61.5	51.6	-12.7
		31.9	-31.9	3008	1623	10.6	-19.7					
29TH	376.25							456.2	-528.0	54.4	45.4	-11.8
		31.7	-32.8	3008	1623	10.5	-20.2					
30TH	389.25							424.5	-495.1	47.8	39.7	-10.9
		31.4	-33.4	3008	1623	10.5	-20.6					
31ST	402.25							393.0	-461.7	41.6	34.4	-9.9
		30.9	-33.2	3008	1623	10.3	-20.5					
32ND	415.25							362.1	-428.5	35.8	29.5	-9.0
		30.3	-33.1	3008	1623	10.1	-20.4					
33RD	428.25							331.8	-395.4	30.4	25.0	-8.1
		29.8	-32.9	3008	1623	9.9	-20.3					
34TH	441.25							302.0	-362.5	25.5	20.9	-7.2
		29.2	-32.8	3008	1623	9.7	-20.2					
35TH	454.25							272.8	-329.7	21.0	17.1	-6.4
		29.2	-33.2	3008	1623	9.7	-20.4					
36TH	467.25							243.6	-296.5	16.9	13.8	-5.6
		29.4	-34.0	3008	1623	9.8	-20.9					
37TH	480.25							214.2	-262.5	13.3	10.8	-4.8
		29.6	-34.8	3008	1623	9.8	-21.4					
38TH	493.25							184.6	-227.7	10.1	8.2	-4.0
		29.9	-35.6	3008	1623	9.9	-21.9					
39TH	506.25							154.7	-192.1	7.4	6.0	-3.2
		29.8	-36.4	3008	1623	9.9	-22.4					
40TH	519.25							124.9	-155.7	5.1	4.2	-2.5
		25.2	-35.4	3008	1623	8.4	-21.8					
41ST	532.25							99.7	-120.3	3.3	2.7	-1.8
		20.5	-34.0	3008	1623	6.8	-20.9					
42ND	545.25							79.3	-86.3	2.0	1.6	-1.3
		43.2	-35.5	4002	2171	10.8	-16.4					
PENT	563.25							36.0	-50.8	.7	.5	.1
		36.0	-50.8	6390	3472	5.6	-14.6					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							1222.2	-957.4	309.3	386.1	-38.8
		49.8	-22.7	5843	3152	8.5	-7.2					
2ND	25.25							1172.4	-934.7	285.4	355.8	-37.3
		24.2	-13.1	3008	1623	8.0	-8.1					
3RD	38.25							1148.2	-921.7	273.3	340.8	-36.3
		23.0	-13.9	3008	1623	7.6	-8.5					
4TH	51.25							1125.2	-907.8	261.5	326.0	-35.5
		21.7	-14.6	3008	1623	7.2	-9.0					
5TH	64.25							1103.5	-893.2	249.7	311.5	-34.6
		20.5	-15.4	3008	1623	6.8	-9.5					
6TH	77.25							1082.9	-877.7	238.2	297.3	-33.7
		18.9	-16.2	3008	1623	6.3	-10.0					
7TH	90.25							1064.0	-861.6	226.9	283.3	-33.0
		17.0	-16.7	3008	1623	5.6	-10.3					
8TH	103.25							1047.0	-844.8	215.8	269.6	-32.4
		15.0	-17.3	3008	1623	5.0	-10.7					
9TH	116.25							1032.0	-827.5	205.0	256.1	-32.1
		13.0	-17.9	3008	1623	4.3	-11.0					
10TH	129.25							1019.0	-809.7	194.3	242.8	-32.0
		11.1	-18.4	3008	1623	3.7	-11.3					
11TH	142.25							1007.9	-791.3	183.9	229.6	-32.1
		11.9	-19.0	3008	1623	4.0	-11.7					
12TH	155.25							996.0	-772.3	173.8	216.6	-32.2
		15.0	-19.6	3008	1623	5.0	-12.1					
13TH	168.25							981.0	-752.7	163.8	203.7	-32.0
		18.1	-20.3	3008	1623	6.0	-12.5					
14TH	181.25							962.8	-732.4	154.2	191.1	-31.5
		21.3	-20.9	3008	1623	7.1	-12.9					
15TH	194.25							941.6	-711.5	144.8	178.7	-30.8
		24.4	-21.5	3008	1623	8.1	-13.3					
16TH	207.25							917.2	-690.0	135.7	166.6	-29.8
		26.7	-21.6	3008	1623	8.9	-13.3					
17TH	220.25							890.5	-668.3	126.9	154.9	-28.8
		28.7	-21.3	3008	1623	9.5	-13.1					
18TH	233.25							861.8	-647.0	118.3	143.5	-27.9
		30.7	-21.0	3008	1623	10.2	-13.0					
19TH	246.25							831.1	-626.0	110.0	132.5	-26.9
		32.8	-20.7	3008	1623	10.9	-12.8					
20TH	259.25							798.3	-605.3	102.0	121.9	-26.0
		34.7	-20.4	3008	1623	11.5	-12.6					
21ST	272.25							763.7	-584.9	94.3	111.7	-25.1
		34.8	-20.7	3008	1623	11.6	-12.8					
22ND	285.25							728.9	-564.2	86.8	102.0	-24.2
		34.9	-21.2	3008	1623	11.6	-13.1					
23RD	298.25							694.0	-543.0	79.6	92.8	-23.2
		35.1	-21.7	3008	1623	11.7	-13.4					
24TH	311.25							658.9	-521.3	72.7	84.0	-22.2
		35.2	-22.1	3008	1623	11.7	-13.6					
25TH	324.25							623.7	-499.2	66.1	75.6	-21.2
		35.3	-22.6	3008	1623	11.7	-13.9					
26TH	337.25							588.4	-476.5	59.7	67.8	-20.1
		35.1	-23.1	3008	1623	11.7	-14.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							553.3	-453.4	53.7	60.3	-19.0
		35.0	-23.6	3008	1623	11.6	-14.6					
28TH	363.25							518.4	-429.8	48.0	53.4	-17.9
		34.8	-24.1	3008	1623	11.6	-14.9					
29TH	376.25							483.6	-405.6	42.5	46.9	-16.8
		34.6	-24.6	3008	1623	11.5	-15.2					
30TH	389.25							449.0	-381.0	37.4	40.8	-15.6
		34.4	-25.0	3008	1623	11.4	-15.4					
31ST	402.25							414.5	-356.0	32.6	35.2	-14.5
		34.3	-24.9	3008	1623	11.4	-15.3					
32ND	415.25							380.2	-331.2	28.2	30.0	-13.3
		34.3	-24.8	3008	1623	11.4	-15.3					
33RD	428.25							345.9	-306.3	24.0	25.3	-12.2
		34.2	-24.7	3008	1623	11.4	-15.2					
34TH	441.25							311.8	-281.6	20.2	21.0	-11.1
		34.1	-24.7	3008	1623	11.3	-15.2					
35TH	454.25							277.7	-256.9	16.7	17.2	-10.0
		33.1	-24.9	3008	1623	11.0	-15.4					
36TH	467.25							244.5	-232.0	13.5	13.8	-8.9
		32.0	-25.4	3008	1623	10.6	-15.7					
37TH	480.25							212.5	-206.6	10.7	10.8	-7.7
		30.9	-26.0	3008	1623	10.3	-16.0					
38TH	493.25							181.6	-180.6	8.1	8.3	-6.6
		29.8	-26.5	3008	1623	9.9	-16.3					
39TH	506.25							151.8	-154.1	6.0	6.1	-5.5
		28.4	-27.0	3008	1623	9.5	-16.6					
40TH	519.25							123.4	-127.1	4.1	4.3	-4.4
		24.0	-28.0	3008	1623	8.0	-17.3					
41ST	532.25							99.3	-99.1	2.7	2.9	-3.4
		19.6	-29.2	3008	1623	6.5	-18.0					
42ND	545.25							79.7	-69.9	1.6	1.7	-2.5
		37.6	-29.5	4002	2171	9.4	-13.6					
PENT	563.25							42.1	-40.4	.6	.6	-1.0
		42.1	-40.4	6390	3472	6.6	-11.6					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							60.0	-857.0	278.8	31.4	-6.3
		10.6	-19.5	5843	3152	1.8	-6.2					
2ND	25.25							49.5	-837.6	257.4	30.0	-6.0
		4.2	-11.2	3008	1623	1.4	-6.9					
3RD	38.25							45.3	-826.3	246.5	29.4	-5.8
		3.8	-12.5	3008	1623	1.3	-7.7					
4TH	51.25							41.4	-813.8	235.9	28.8	-5.7
		3.5	-13.7	3008	1623	1.2	-8.5					
5TH	64.25							38.0	-800.1	225.4	28.3	-5.5
		3.1	-15.0	3008	1623	1.0	-9.2					
6TH	77.25							34.8	-785.1	215.1	27.8	-5.3
		1.6	-16.2	3008	1623	.5	-10.0					
7TH	90.25							33.3	-768.9	205.0	27.4	-5.3
		-1.9	-16.2	3008	1623	-.6	-10.0					
8TH	103.25							35.1	-752.7	195.1	26.9	-5.3
		-5.3	-16.2	3008	1623	-1.8	-10.0					
9TH	116.25							40.4	-736.5	185.4	26.5	-5.4
		-8.7	-16.2	3008	1623	-2.9	-10.0					
10TH	129.25							49.2	-720.3	175.9	25.9	-5.6
		-12.1	-16.1	3008	1623	-4.0	-9.9					
11TH	142.25							61.3	-704.2	166.7	25.2	-5.9
		-11.5	-16.3	3008	1623	-3.8	-10.0					
12TH	155.25							72.8	-687.9	157.6	24.3	-6.1
		-8.8	-16.9	3008	1623	-2.9	-10.4					
13TH	168.25							81.5	-671.0	148.8	23.3	-6.3
		-6.0	-17.5	3008	1623	-2.0	-10.8					
14TH	181.25							87.6	-653.5	140.2	22.2	-6.4
		-3.3	-18.1	3008	1623	-1.1	-11.2					
15TH	194.25							90.9	-635.4	131.8	21.0	-6.4
		-.6	-18.7	3008	1623	-.2	-11.5					
16TH	207.25							91.5	-616.6	123.7	19.8	-6.5
		.0	-18.9	3008	1623	.0	-11.7					
17TH	220.25							91.5	-597.7	115.8	18.6	-6.5
		.6	-18.7	3008	1623	.2	-11.5					
18TH	233.25							90.9	-579.0	108.1	17.5	-6.5
		1.1	-18.6	3008	1623	.4	-11 4					
19TH	246.25							89.8	-560.4	100.7	16.3	-6.5
		1.7	-18.4	3008	1623	.6	-11.3					
20TH	259.25							88.1	-542.0	93.6	15.1	-6.5
		2.2	-18.2	3008	1623	.7	-11.2					
21ST	272.25							85.8	-523.7	86.6	14.0	-6.5
		2.1	-18.3	3008	1623	.7	-11.3					
22ND	285.25							83.8	-505.4	80.0	12.9	-6.5
		2.0	-18.5	3008	1623	.7	-11.4					
23RD	298.25							81.8	-486.9	73.5	11.8	-6.4
		1.8	-18.7	3008	1623	.6	-11.5					
24TH	311.25							80.0	-468.2	67.3	10.8	-6.3
		1.7	-18.8	3008	1623	.6	-11.6					
25TH	324.25							78.2	-449.4	61.3	9.7	-6.2
		1.8	-19.0	3008	1623	6	-11.7					
26TH	337.25							76.5	-430.3	55.6	8.7	-6.0
		2.4	-19.6	3008	1623	.8	-12 1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							74.0	-410.7	50.1	7.8	-5.8
		3.0	-20.2	3008	1623	1.0	-12.4					
28TH	363.25							71.0	-390.5	44.9	6.8	-5.5
		3.6	-20.8	3008	1623	1.2	-12.8					
29TH	376.25							67.4	-369.8	40.0	5.9	-5.2
		4.2	-21.3	3008	1623	1.4	-13.2					
30TH	389.25							63.1	-348.4	35.3	5.1	-4.8
		5.0	-21.7	3008	1623	1.6	-13.3					
31ST	402.25							58.2	-326.8	30.9	4.3	-4.5
		5.8	-21.4	3008	1623	1.9	-13.2					
32ND	415.25							52.4	-305.4	26.8	3.6	-4.1
		6.7	-21.1	3008	1623	2.2	-13.0					
33RD	428.25							45.7	-284.3	23.0	2.9	-3.8
		7.5	-20.8	3008	1623	2.5	-12.8					
34TH	441.25							38.2	-263.5	19.4	2.4	-3.5
		8.4	-20.5	3008	1623	2.8	-12.6					
35TH	454.25							29.8	-243.0	16.1	1.9	-3.2
		6.9	-21.2	3008	1623	2.3	-13.1					
36TH	467.25							22.9	-221.8	13.1	1.6	-3.0
		4.8	-22.6	3008	1623	1.6	-13.9					
37TH	480.25							18.0	-199.2	10.4	1.3	-2.8
		2.8	-24.0	3008	1623	.9	-14.8					
38TH	493.25							15.3	-175.2	8.0	1.1	-2.6
		.7	-25.4	3008	1623	.2	-15.6					
39TH	506.25							14.6	-149.8	5.8	.9	-2.4
		-1.3	-26.8	3008	1623	-.4	-16.5					
40TH	519.25							15.9	-123.0	4.1	.7	-2.2
		-1.3	-26.9	3008	1623	-.4	-16.6					
41ST	532.25							17.2	-96.1	2.6	.5	-2.0
		-1.0	-26.8	3008	1623	-.3	-16.5					
42ND	545.25							18.2	-69.3	1.6	.3	-1.8
		13.6	-29.3	4002	2171	3.4	-13.5					
PENT	563.25							4.6	-40.0	.6	.1	-.8
		4.6	-40.0	6390	3472	.7	-11.5					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-912.9	-719.5	241.6	-262.0	37.8
		-19.7	-13.6	5843	3152	-3.4	-4.3					
2ND	25.25							-893.2	-705.8	223.6	-239.2	36.7
		-11.3	-7.5	3008	1623	-3.8	-4.6					
3RD	38.25							-881.9	-698.3	214.5	-227.7	36.1
		-11.9	-8.4	3008	1623	-3.9	-5.2					
4TH	51.25							-870.0	-689.9	205.5	-216.3	35.5
		-12.5	-9.2	3008	1623	-4.1	-5.7					
5TH	64.25							-857.6	-680.7	196.6	-205.1	34.8
		-13.0	-10.0	3008	1623	-4.3	-6.2					
6TH	77.25							-844.6	-670.7	187.8	-194.0	34.0
		-15.5	-10.8	3008	1623	-5.1	-6.7					
7TH	90.25							-829.1	-659.9	179.1	-183.1	33.2
		-20.4	-11.2	3008	1623	-6.8	-6.9					
8TH	103.25							-808.7	-648.7	170.6	-172.5	32.5
		-25.4	-11.6	3008	1623	-8.5	-7.1					
9TH	116.25							-783.2	-637.1	162.3	-162.1	31.9
		-30.4	-12.0	3008	1623	-10.1	-7.4					
10TH	129.25							-752.8	-625.1	154.1	-152.1	31.4
		-35.4	-12.4	3008	1623	-11.8	-7.6					
11TH	142.25							-717.5	-612.7	146.0	-142.6	31.1
		-34.7	-12.8	3008	1623	-11.5	-7.9					
12TH	155.25							-682.7	-599.9	138.1	-133.5	30.9
		-31.7	-13.4	3008	1623	-10.5	-8.3					
13TH	168.25							-651.1	-586.5	130.4	-124.8	30.4
		-28.6	-14.0	3008	1623	-9.5	-8.6					
14TH	181.25							-622.4	-572.5	122.9	-116.5	29.8
		-25.6	-14.6	3008	1623	-8.5	-9.0					
15TH	194.25							-596.8	-557.8	115.6	-108.6	29.0
		-22.5	-15.3	3008	1623	-7.5	-9.4					
16TH	207.25							-574.3	-542.6	108.4	-101.0	28.0
		-22.5	-15.5	3008	1623	-7.5	-9.5					
17TH	220.25							-551.9	-527.1	101.5	-93.7	26.9
		-22.1	-15.4	3008	1623	-7.4	-9.5					
18TH	233.25							-529.7	-511.7	94.7	-86.6	25.8
		-21.8	-15.3	3008	1623	-7.3	-9.4					
19TH	246.25							-507.9	-496.4	88.1	-79.9	24.6
		-21.5	-15.2	3008	1623	-7.2	-9.4					
20TH	259.25							-486.3	-481.2	81.8	-73.4	23.5
		-21.3	-15.1	3008	1623	-7.1	-9.3					
21ST	272.25							-465.0	-466.0	75.6	-67.3	22.2
		-21.8	-15.6	3008	1623	-7.2	-9.6					
22ND	285.25							-443.2	-450.4	69.7	-61.3	21.0
		-22.3	-16.2	3008	1623	-7.4	-10.0					
23RD	298.25							-420.9	-434.3	63.9	-55.7	19.9
		-22.8	-16.7	3008	1623	-7.6	-10.3					
24TH	311.25							-398.1	-417.5	58.4	-50.4	18.8
		-23.3	-17.3	3008	1623	-7.8	-10.7					
25TH	324.25							-374.8	-400.2	53.1	-45.4	17.6
		-23.6	-17.9	3008	1623	-7.8	-11.0					
26TH	337.25							-351.2	-382.3	48.0	-40.7	16.6
		-22.7	-18.3	3008	1623	-7.5	-11.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-328.6	-364.0	43.1	-36.2	15.6
		-21.8	-18.8	3008	1623	-7.2	-11.6					
28TH	363.25							-306.8	-345.2	38.5	-32.1	14.6
		-20.9	-19.2	3008	1623	-7.0	-11.8					
29TH	376.25							-285.9	-326.0	34.2	-28.3	13.7
		-20.0	-19.7	3008	1623	-6.7	-12.1					
30TH	389.25							-265.8	-306.3	30.1	-24.7	12.8
		-19.4	-20.0	3008	1623	-6.4	-12.3					
31ST	402.25							-246.4	-286.4	26.2	-21.3	12.0
		-18.9	-19.9	3008	1623	-6.3	-12.3					
32ND	415.25							-227.5	-266.4	22.6	-18.3	11.1
		-18.4	-19.9	3008	1623	-6.1	-12.3					
33RD	428.25							-209.1	-246.5	19.3	-15.4	10.1
		-17.9	-19.9	3008	1623	-6.0	-12.2					
34TH	441.25							-191.2	-226.6	16.2	-12.8	9.1
		-17.5	-19.8	3008	1623	-5.8	-12.2					
35TH	454.25							-173.7	-206.8	13.4	-10.5	8.1
		-18.0	-20.1	3008	1623	-6.0	-12.4					
36TH	467.25							-155.7	-186.7	10.8	-8.3	7.1
		-18.8	-20.6	3008	1623	-6.3	-12.7					
37TH	480.25							-136.8	-166.0	8.5	-6.4	6.0
		-19.7	-21.1	3008	1623	-6.5	-13.0					
38TH	493.25							-117.1	-144.9	6.5	-4.8	4.9
		-20.5	-21.7	3008	1623	-6.8	-13.3					
39TH	506.25							-96.7	-123.2	4.8	-3.4	3.8
		-21.3	-22.2	3008	1623	-7.1	-13.7					
40TH	519.25							-75.4	-101.1	3.3	-2.3	2.7
		-20.8	-22.6	3008	1623	-6.9	-13.9					
41ST	532.25							-54.6	-78.5	2.1	-1.4	1.7
		-20.1	-23.0	3008	1623	-6.7	-14.1					
42ND	545.25							-34.5	-55.5	1.3	-.8	.9
		-12.3	-22.7	4002	2171	-3.1	-10.5					
PENT	563.25							-22.2	-32.8	.5	-.3	.4
		-22.2	-32.8	6390	3472	-3.5	-9.5					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-1365.6	-553.2	199.3	-381.6	73.2
		-45.2	-5.8	5843	3152	-7.7	-1.9					
2ND	25.25							-1320.4	-547.4	185.4	-347.7	71.1
		-24.0	-2.1	3008	1623	-8.0	-1.3					
3RD	38.25							-1296.5	-545.3	178.3	-330.7	70.0
		-25.7	-2.6	3008	1623	-8.6	-1.6					
4TH	51.25							-1270.7	-542.7	171.3	-314.0	68.8
		-27.5	-3.1	3008	1623	-9.1	-1.9					
5TH	64.25							-1243.2	-539.6	164.2	-297.7	67.6
		-29.2	-3.7	3008	1623	-9.7	-2.3					
6TH	77.25							-1214.0	-535.9	157.2	-281.7	66.3
		-32.4	-4.2	3008	1623	-10.8	-2.6					
7TH	90.25							-1181.6	-531.7	150.3	-266.1	65.1
		-35.9	-4.8	3008	1623	-11.9	-2.9					
8TH	103.25							-1145.7	-526.9	143.4	-251.0	64.2
		-39.4	-5.3	3008	1623	-13.1	-3.3					
9TH	116.25							-1106.3	-521.6	136.6	-236.4	63.6
		-42.9	-5.9	3008	1623	-14.2	-3.7					
10TH	129.25							-1063.4	-515.7	129.9	-222.3	63.4
		-46.3	-6.5	3008	1623	-15.4	-4.0					
11TH	142.25							-1017.1	-509.2	123.2	-208.7	63.6
		-44.7	-7.2	3008	1623	-14.9	-4.4					
12TH	155.25							-972.4	-502.0	116.6	-195.8	63.8
		-41.7	-8.1	3008	1623	-13.8	-5.0					
13TH	168.25							-930.7	-493.9	110.1	-183.4	63.5
		-38.6	-9.0	3008	1623	-12.8	-5.6					
14TH	181.25							-892.1	-484.9	103.8	-171.6	62.8
		-35.5	-9.9	3008	1623	-11.8	-6.1					
15TH	194.25							-856.5	-474.9	97.5	-160.2	61.7
		-32.5	-10.9	3008	1623	-10.8	-6.7					
16TH	207.25							-824.0	-464.1	91.4	-149.3	60.1
		-32.5	-11.6	3008	1623	-10.8	-7.2					
17TH	220.25							-791.6	-452.5	85.5	-138.8	58.2
		-32.2	-12.3	3008	1623	-10.7	-7.6					
18TH	233.25							-759.4	-440.2	79.7	-128.7	56.3
		-31.9	-12.9	3008	1623	-10.6	-8.0					
19TH	246.25							-727.5	-427.3	74.0	-119.0	54.3
		-31.6	-13.6	3008	1623	-10.5	-8.4					
20TH	259.25							-695.9	-413.7	68.6	-109.8	52.2
		-31.3	-14.2	3008	1623	-10.4	-8.7					
21ST	272.25							-664.6	-399.5	63.3	-100.9	50.1
		-31.1	-14.7	3008	1623	-10.3	-9.1					
22ND	285.25							-633.5	-384.8	58.2	-92.5	47.9
		-30.8	-15.2	3008	1623	-10.2	-9.3					
23RD	298.25							-602.7	-369.7	53.3	-84.5	45.7
		-30.5	-15.6	3008	1623	-10.2	-9.6					
24TH	311.25							-572.1	-354.0	48.6	-76.8	43.6
		-30.3	-16.1	3008	1623	-10.1	-9.9					
25TH	324.25							-541.9	-337.9	44.1	-69.6	41.4
		-30.0	-16.5	3008	1623	-10.0	-10.2					
26TH	337.25							-511.9	-321.4	39.8	-62.7	39.3
		-29.2	-16.6	3008	1623	-9.7	-10.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
								-482.7	-304.8	35.7	-56.3	37.1
27TH	350.25	-28.3	-16.7	3008	1623	-9.4	-10.3					
								-454.4	-288.1	31.9	-50.2	35.0
28TH	363.25	-27.5	-16.7	3008	1623	-9.1	-10.3					
								-426.9	-271.4	28.2	-44.5	32.8
29TH	376.25	-26.7	-16.8	3008	1623	-8.9	-10.4					
								-400.2	-254.6	24.8	-39.1	30.7
30TH	389.25	-26.3	-16.8	3008	1623	-8.7	-10.4					
								-374.0	-237.8	21.6	-34.1	28.5
31ST	402.25	-26.6	-16.7	3008	1623	-8.8	-10.3					
								-347.4	-221.1	18.6	-29.4	26.3
32ND	415.25	-26.8	-16.5	3008	1623	-8.9	-10.2					
								-320.6	-204.6	15.9	-25.0	24.1
33RD	428.25	-27.1	-16.4	3008	1623	-9.0	-10.1					
								-293.5	-188.2	13.3	-21.0	21.8
34TH	441.25	-27.3	-16.3	3008	1623	-9.1	-10.0					
								-266.2	-171.9	11.0	-17.4	19.5
35TH	454.25	-27.4	-16.6	3008	1623	-9.1	-10.2					
								-238.8	-155.3	8.8	-14.1	17.2
36TH	467.25	-27.3	-17.3	3008	1623	-9.1	-10.7					
								-211.5	-138.9	6.9	-11.2	14.9
37TH	480.25	-27.1	-18.0	3008	1623	-9.0	-11.1					
								-184.4	-119.9	5.3	-8.6	12.6
38TH	493.25	-27.0	-18.7	3008	1623	-9.0	-11.5					
								-157.4	-101.2	3.8	-6.4	10.3
39TH	506.25	-26.9	-19.4	3008	1623	-8.9	-12.0					
								-130.5	-81.8	2.6	-4.5	8.0
40TH	519.25	-26.5	-19.4	3008	1623	-8.8	-11.9					
								-104.0	-62.4	1.7	-3.0	5.8
41ST	532.25	-25.9	-19.1	3008	1623	-8.6	-11.8					
								-78.1	-43.3	1.0	-1.8	3.9
42ND	545.25	-31.1	-16.8	4002	2171	-7.8	-7.7					
								-47.0	-26.5	.4	-.7	2.0
PENT	563.25	-47.0	-26.5	6390	3472	-7.4	-7.6					
								0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							-2005.3	-90.5	48.5	-594.5	102.3
2ND	25.25	-71.9	3.4	5843	3152	-12.3	1.1	-1933.4	-94.0	46.2	-544.7	99.8
3RD	38.25	-37.2	2.8	3008	1623	-12.4	1.7	-1896.2	-96.7	44.9	-519.8	98.4
4TH	51.25	-38.6	2.9	3008	1623	-12.8	1.8	-1857.5	-99.6	43.6	-495.4	97.0
5TH	64.25	-40.0	3.0	3008	1623	-13.3	1.8	-1817.5	-102.6	42.3	-471.6	95.5
6TH	77.25	-41.4	3.1	3008	1623	-13.8	1.9	-1776.1	-105.6	41.0	-448.2	93.9
7TH	90.25	-43.8	3.1	3008	1623	-14.6	1.9	-1732.3	-108.7	39.6	-425.4	92.4
8TH	103.25	-45.9	2.5	3008	1623	-15.3	1.5	-1686.4	-111.2	38.1	-403.2	91.3
9TH	116.25	-48.0	1.9	3008	1623	-15.9	1.2	-1638.4	-113.1	36.7	-381.6	90.6
10TH	129.25	-50.0	1.3	3008	1623	-16.6	.8	-1588.4	-114.4	35.2	-360.6	90.4
11TH	142.25	-52.1	.7	3008	1623	-17.3	.4	-1536.3	-115.1	33.7	-340.3	90.6
12TH	155.25	-51.0	.2	3008	1623	-16.9	.1	-1485.4	-115.2	32.2	-320.6	90.9
13TH	168.25	-49.5	-.1	3008	1623	-16.5	-.1	-1435.8	-115.1	30.7	-301.6	90.5
14TH	181.25	-48.0	-.3	3008	1623	-16.0	-.2	-1387.8	-114.8	29.2	-283.3	89.5
15TH	194.25	-46.6	-.6	3008	1623	-15.5	-.3	-1341.2	-114.3	27.7	-265.6	87.8
16TH	207.25	-45.1	-.8	3008	1623	-15.0	-.5	-1296.1	-113.5	26.3	-248.4	85.6
17TH	220.25	-45.0	-1.3	3008	1623	-14.9	-.8	-1251.1	-112.2	24.8	-231.9	83.1
18TH	233.25	-44.2	-2.0	3008	1623	-14.7	-1.2	-1206.9	-110.2	23.3	-215.9	80.6
19TH	246.25	-43.5	-2.7	3008	1623	-14.5	-1.7	-1163.5	-107.5	21.9	-200.5	78.0
20TH	259.25	-42.7	-3.4	3008	1623	-14.2	-2.1	-1120.7	-104.1	20.6	-185.6	75.3
21ST	272.25	-42.0	-4.1	3008	1623	-14.0	-2.5	-1078.7	-100.0	19.2	-171.3	72.6
22ND	285.25	-42.4	-4.0	3008	1623	-14.1	-2.4	-1036.3	-96.1	18.0	-157.6	69.8
23RD	298.25	-42.8	-3.6	3008	1623	-14.2	-2.2	-993.5	-92.5	16.7	-144.4	66.9
24TH	311.25	-43.3	-3.3	3008	1623	-14.4	-2.0	-950.3	-89.2	15.5	-131.7	63.9
25TH	324.25	-43.7	-2.9	3008	1623	-14.5	-1.8	-906.6	-86.3	14.4	-119.7	60.8
26TH	337.25	-44.1	-2.6	3008	1623	-14.7	-1.6	-862.4	-83.7	13.3	-108.2	57.6
		-44.0	-2.2	3008	1623	-14.6	-1.4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-818.4	-81.5	12.2	-97.3	54.4
		-43.8	-1.9	3008	1623	-14.6	-1.2					
28TH	363.25							-774.6	-79.6	11.2	-86.9	51.1
		-43.7	-1.5	3008	1623	-14.5	-.9					
29TH	376.25							-730.9	-78.1	10.2	-77.1	47.8
		-43.5	-1.2	3008	1623	-14.5	-.7					
30TH	389.25							-687.4	-76.9	9.2	-67.9	44.5
		-43.7	-1.2	3008	1623	-14.5	-.7					
31ST	402.25							-643.7	-75.7	8.2	-59.2	41.2
		-44.2	-1.8	3008	1623	-14.7	-1.1					
32ND	415.25							-599.5	-73.9	7.2	-51.2	37.9
		-44.7	-2.5	3008	1623	-14.9	-1.5					
33RD	428.25							-554.8	-71.4	6.2	-43.7	34.6
		-45.2	-3.2	3008	1623	-15.0	-2.0					
34TH	441.25							-509.6	-68.2	5.3	-36.7	31.4
		-45.8	-3.9	3008	1623	-15.2	-2.4					
35TH	454.25							-463.8	-64.3	4.5	-30.4	28.1
		-46.2	-4.5	3008	1623	-15.4	-2.8					
36TH	467.25							-417.6	-59.8	3.7	-24.7	24.9
		-46.5	-5.1	3008	1623	-15.5	-3.2					
37TH	480.25							-371.1	-54.7	2.9	-19.6	21.6
		-46.8	-5.8	3008	1623	-15.6	-3.6					
38TH	493.25							-324.3	-48.9	2.2	-15.0	18.3
		-47.1	-6.4	3008	1623	-15.7	-3.9					
39TH	506.25							-277.2	-42.5	1.7	-11.1	14.9
		-47.4	-7.0	3008	1623	-15.8	-4.3					
40TH	519.25							-229.7	-35.5	1.1	-7.8	11.6
		-46.9	-8.1	3008	1623	-15.6	-5.0					
41ST	532.25							-182.8	-27.4	.7	-5.2	8.5
		-46.2	-9.4	3008	1623	-15.3	-5.8					
42ND	545.25							-136.6	-18.0	.4	-3.1	5.6
		-58.0	-6.0	4002	2171	-14.5	-2.7					
PENT	563.25							-78.6	-12.0	.2	-1.1	2.7
		-78.6	-12.0	6390	3472	-12.3	-3.5					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2558.0	83.4	4.0	-770.4	103.6
		-99.0	5.8	5843	3152	-16.9	1.9					
2ND	25.25							-2459.0	77.6	6.0	-707.0	100.8
		-50.2	4.9	3008	1623	-16.7	3.0					
3RD	38.25							-2408.8	72.7	7.0	-675.4	99.2
		-51.2	5.3	3008	1623	-17.0	3.3					
4TH	51.25							-2357.6	67.4	7.9	-644.4	97.6
		-52.1	5.8	3008	1623	-17.3	3.6					
5TH	64.25							-2305.4	61.6	8.8	-614.1	95.9
		-53.1	6.2	3008	1623	-17.7	3.8					
6TH	77.25							-2252.3	55.4	9.5	-584.5	94.0
		-54.3	6.7	3008	1623	-18.1	4.1					
7TH	90.25							-2198.0	48.7	10.2	-555.6	92.3
		-54.5	6.8	3008	1623	-18.1	4.2					
8TH	103.25							-2143.5	41.9	10.8	-527.3	91.0
		-54.7	7.0	3008	1623	-18.2	4.3					
9TH	116.25							-2088.9	35.0	11.3	-499.8	90.2
		-54.9	7.1	3008	1623	-18.2	4.4					
10TH	129.25							-2034.0	27.8	11.7	-473.0	90.0
		-55.0	7.3	3008	1623	-18.3	4.5					
11TH	142.25							-1979.0	20.6	12.0	-446.9	90.3
		-54.4	7.2	3008	1623	-18.1	4.5					
12TH	155.25							-1924.6	13.3	12.2	-421.6	90.5
		-54.6	6.8	3008	1623	-18.1	4.2					
13TH	168.25							-1870.0	6.5	12.4	-396.9	90.1
		-54.7	6.4	3008	1623	-18.2	4.0					
14TH	181.25							-1815.3	.1	12.4	-373.0	89.0
		-54.9	6.0	3008	1623	-18.3	3.7					
15TH	194.25							-1760.4	-6.0	12.4	-349.7	87.3
		-55.1	5.6	3008	1623	-18.3	3.5					
16TH	207.25							-1705.3	-11.6	12.3	-327.2	84.9
		-55.4	5.3	3008	1623	-18.4	3.3					
17TH	220.25							-1649.8	-16.9	12.1	-305.4	82.3
		-55.3	5.2	3008	1623	-18.4	3.2					
18TH	233.25							-1594.6	-22.1	11.8	-284.3	79.6
		-55.1	5.0	3008	1623	-18.3	3.1					
19TH	246.25							-1539.5	-27.1	11.5	-263.9	76.8
		-54.9	4.9	3008	1623	-18.3	3.0					
20TH	259.25							-1484.6	-32.0	11.1	-244.3	74.0
		-54.8	4.7	3008	1623	-18.2	2.9					
21ST	272.25							-1429.7	-36.7	10.7	-225.3	71.1
		-55.8	4.2	3008	1623	-18.6	2.6					
22ND	285.25							-1373.9	-40.9	10.2	-207.1	68.1
		-56.9	3.6	3008	1623	-18.9	2.2					
23RD	298.25							-1317.0	-44.5	9.6	-189.6	65.2
		-58.0	3.0	3008	1623	-19.3	1.9					
24TH	311.25							-1259.1	-47.5	9.0	-172.9	62.2
		-59.0	2.4	3008	1623	-19.6	1.5					
25TH	324.25							-1200.1	-50.0	8.4	-156.9	59.2
		-59.8	1.8	3008	1623	-19.9	1.1					
26TH	337.25							-1140.2	-51.8	7.7	-141.7	56.1
		-59.7	.7	3008	1623	-19.8	.4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-1080.6	-52.5	7.0	-127.2	53.1
		-59.5	-.4	3008	1623	-19.8	-.2					
28TH	363.25							-1021.0	-52.1	6.4	-113.6	50.0
		-59.4	-1.5	3008	1623	-19.7	-.9					
29TH	376.25							-961.6	-50.6	5.7	-100.7	46.9
		-59.2	-2.6	3008	1623	-19.7	-1.6					
30TH	389.25							-902.4	-48.1	5.1	-88.6	43.9
		-59.1	-3.3	3008	1623	-19.7	-2.0					
31ST	402.25							-843.3	-44.8	4.4	-77.2	40.8
		-59.1	-3.2	3008	1623	-19.7	-1.9					
32ND	415.25							-784.1	-41.6	3.9	-66.6	37.7
		-59.1	-3.0	3008	1623	-19.7	-1.9					
33RD	428.25							-725.0	-38.6	3.4	-56.8	34.5
		-59.2	-2.9	3008	1623	-19.7	-1.8					
34TH	441.25							-665.8	-35.7	2.9	-47.8	31.4
		-59.2	-2.8	3008	1623	-19.7	-1.7					
35TH	454.25							-606.7	-32.9	2.4	-39.5	28.2
		-59.9	-2.7	3008	1623	-19.9	-1.7					
36TH	467.25							-546.7	-30.1	2.0	-32.0	25.0
		-60.8	-2.7	3008	1623	-20.2	-1.6					
37TH	480.25							-485.9	-27.5	1.7	-25.3	21.8
		-61.6	-2.6	3008	1623	-20.5	-1.6					
38TH	493.25							-424.3	-24.9	1.3	-19.4	18.4
		-62.5	-2.5	3008	1623	-20.8	-1.6					
39TH	506.25							-361.8	-22.3	1.0	-14.3	15.0
		-63.3	-2.5	3008	1623	-21.1	-1.5					
40TH	519.25							-298.5	-19.9	.7	-10.0	11.5
		-63.6	-3.3	3008	1623	-21.1	-2.0					
41ST	532.25							-234.9	-16.6	.5	-6.5	8.2
		-63.7	-4.3	3008	1623	-21.2	-2.6					
42ND	545.25							-171.1	-12.3	.3	-3.9	5.1
		-71.5	-4.0	4002	2171	-17.9	-1.8					
PENT	563.25							-99.7	-8.3	.1	-1.4	2.5
		-99.7	-8.3	6390	3472	-15.6	-2.4					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2859.7	-324.1	133.3	-854.5	83.1
		-119.8	-7.3	5843	3152	-20.5	-2.3					
2ND	25.25							-2739.9	-316.7	125.2	-783.8	80.9
		-61.7	-2.5	3008	1623	-20.5	-1.5					
3RD	38.25							-2678.2	-314.3	121.1	-748.5	79.7
		-61.4	-1.5	3008	1623	-20.4	-.9					
4TH	51.25							-2616.8	-312.8	117.0	-714.1	78.4
		-61.2	-.5	3008	1623	-20.3	-.3					
5TH	64.25							-2555.6	-312.3	113.0	-680.5	77.0
		-60.9	.5	3008	1623	-20.3	.3					
6TH	77.25							-2494.7	-312.8	108.9	-647.7	75.6
		-60.8	1.5	3008	1623	-20.2	.9					
7TH	90.25							-2433.9	-314.2	104.8	-615.6	74.1
		-59.8	1.2	3008	1623	-19.9	.7					
8TH	103.25							-2374.1	-315.4	100.8	-584.4	73.2
		-58.9	.9	3008	1623	-19.6	.6					
9TH	116.25							-2315.2	-316.4	96.6	-553.9	72.7
		-57.9	.7	3008	1623	-19.3	.4					
10TH	129.25							-2257.3	-317.1	92.5	-524.2	72.7
		-57.0	.4	3008	1623	-18.9	.3					
11TH	142.25							-2200.3	-317.5	88.4	-495.2	73.2
		-56.8	-.1	3008	1623	-18.9	-.0					
12TH	155.25							-2143.5	-317.4	84.3	-467.0	73.6
		-58.3	-1.2	3008	1623	-19.4	-.7					
13TH	168.25							-2085.2	-316.3	80.2	-439.5	73.4
		-59.8	-2.2	3008	1623	-19.9	-1.4					
14TH	181.25							-2025.4	-314.0	76.1	-412.8	72.7
		-61.3	-3.3	3008	1623	-20.4	-2.0					
15TH	194.25							-1964.2	-310.7	72.0	-386.8	71.3
		-62.7	-4.4	3008	1623	-20.9	-2.7					
16TH	207.25							-1901.4	-306.3	68.0	-361.7	69.4
		-63.5	-4.9	3008	1623	-21.1	-3.0					
17TH	220.25							-1837.9	-301.4	64.0	-337.4	67.3
		-63.9	-4.9	3008	1623	-21.2	-3.0					
18TH	233.25							-1774.1	-296.5	60.2	-313.9	65.2
		-64.2	-5.0	3008	1623	-21.3	-3.1					
19TH	246.25							-1709.9	-291.5	56.3	-291.3	62.9
		-64.5	-5.0	3008	1623	-21.4	-3.1					
20TH	259.25							-1645.4	-286.5	52.6	-269.5	60.6
		-64.8	-5.0	3008	1623	-21.6	-3.1					
21ST	272.25							-1580.5	-281.6	48.9	-248.5	58.3
		-64.9	-5.7	3008	1623	-21.6	-3.5					
22ND	285.25							-1515.6	-275.9	45.3	-228.4	55.9
		-64.8	-6.5	3008	1623	-21.6	-4.0					
23RD	298.25							-1450.8	-269.4	41.7	-209.1	53.4
		-64.8	-7.4	3008	1623	-21.5	-4.5					
24TH	311.25							-1386.0	-262.0	38.3	-190.7	51.0
		-64.8	-8.2	3008	1623	-21.5	-5.1					
25TH	324.25							-1321.2	-253.8	34.9	-173.1	48.5
		-64.8	-9.1	3008	1623	-21.5	-5.6					
26TH	337.25							-1256.4	-244.7	31.7	-156.3	46.0
		-64.7	-9.7	3008	1623	-21.5	-6.0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25	-64.6	-10.4	3008	1623	-21.5	-6.4	-1191.7	-235.0	28.5	-140.4	43.4
28TH	363.25	-64.6	-11.1	3008	1623	-21.5	-6.8	-1127.1	-224.6	25.6	-125.3	40.9
29TH	376.25	-64.5	-11.7	3008	1623	-21.5	-7.2	-1062.5	-213.5	22.7	-111.1	38.4
30TH	389.25	-64.7	-12.3	3008	1623	-21.5	-7.6	-997.9	-201.8	20.0	-97.7	35.9
31ST	402.25	-65.6	-12.7	3008	1623	-21.8	-7.8	-933.2	-189.4	17.5	-85.2	33.3
32ND	415.25	-66.5	-13.1	3008	1623	-22.1	-8.1	-867.6	-176.7	15.1	-73.4	30.8
33RD	428.25	-67.3	-13.5	3008	1623	-22.4	-8.3	-801.1	-163.6	12.9	-62.6	28.2
34TH	441.25	-68.2	-13.9	3008	1623	-22.7	-8.6	-733.8	-150.1	10.8	-52.6	25.6
35TH	454.25	-68.3	-13.9	3008	1623	-22.7	-8.6	-665.6	-136.3	9.0	-43.5	23.1
36TH	467.25	-68.0	-13.6	3008	1623	-22.6	-8.4	-597.3	-122.4	7.3	-35.3	20.5
37TH	480.25	-67.6	-13.3	3008	1623	-22.5	-8.2	-529.3	-108.8	5.8	-28.0	17.8
38TH	493.25	-67.3	-13.0	3008	1623	-22.4	-8.0	-461.7	-95.5	4.5	-21.6	15.2
39TH	506.25	-67.0	-12.7	3008	1623	-22.3	-7.8	-394.4	-82.5	3.3	-16.0	12.5
40TH	519.25	-66.4	-14.5	3008	1623	-22.1	-8.9	-327.5	-69.7	2.3	-11.3	9.7
41ST	532.25	-65.7	-16.7	3008	1623	-21.9	-10.3	-261.1	-55.2	1.5	-7.5	7.1
42ND	545.25	-78.5	-15.0	4002	2171	-19.6	-6.9	-195.3	-38.5	.9	-4.5	4.7
PENT	563.25	-116.8	-23.5	6390	3472	-18.3	-6.8	-116.8	-23.5	.3	-1.7	2.5
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-3142.8	-410.2	136.3	-965.2	54.3
		-117.5	-11.3	5843	3152	-20.1	-3.6					
2ND	25.25							-3025.3	-398.8	126.1	-887.3	52.7
		-60.0	-6.1	3008	1623	-19.9	-3.7					
3RD	38.25							-2965.3	-392.8	120.9	-848.4	51.9
		-61.3	-6.4	3008	1623	-20.4	-3.9					
4TH	51.25							-2904.0	-386.4	115.9	-810.2	51.1
		-62.7	-6.7	3008	1623	-20.8	-4.1					
5TH	64.25							-2841.3	-379.7	110.9	-772.9	50.2
		-64.1	-7.0	3008	1623	-21.3	-4.3					
6TH	77.25							-2777.2	-372.6	106.0	-736.4	49.4
		-64.6	-7.3	3008	1623	-21.5	-4.5					
7TH	90.25							-2712.7	-365.3	101.2	-700.7	48.6
		-62.0	-7.2	3008	1623	-20.6	-4.4					
8TH	103.25							-2650.7	-358.1	96.5	-665.8	48.1
		-59.4	-7.0	3008	1623	-19.7	-4.3					
9TH	116.25							-2591.3	-351.1	91.9	-631.7	48.0
		-56.8	-6.9	3008	1623	-18.9	-4.2					
10TH	129.25							-2534.5	-344.2	87.4	-598.4	48.2
		-54.2	-6.7	3008	1623	-18.0	-4.2					
11TH	142.25							-2480.4	-337.5	82.9	-565.8	48.7
		-54.9	-6.8	3008	1623	-18.2	-4.2					
12TH	155.25							-2425.5	-330.7	78.6	-533.9	49.2
		-58.6	-7.2	3008	1623	-19.5	-4.4					
13TH	168.25							-2366.9	-323.5	74.3	-502.8	49.2
		-62.3	-7.6	3008	1623	-20.7	-4.7					
14TH	181.25							-2304.6	-315.9	70.2	-472.4	48.8
		-66.0	-8.1	3008	1623	-21.9	-5.0					
15TH	194.25							-2238.6	-307.8	66.1	-442.9	47.9
		-69.7	-8.5	3008	1623	-23.2	-5.2					
16TH	207.25							-2168.9	-299.3	62.2	-414.3	46.6
		-70.8	-8.7	3008	1623	-23.5	-5.3					
17TH	220.25							-2098.1	-290.7	58.4	-386.5	45.2
		-71.0	-8.6	3008	1623	-23.6	-5.3					
18TH	233.25							-2027.0	-282.1	54.6	-359.7	43.8
		-71.3	-8.5	3008	1623	-23.7	-5.2					
19TH	246.25							-1955.8	-273.6	51.0	-333.8	42.4
		-71.5	-8.4	3008	1623	-23.8	-5.2					
20TH	259.25							-1884.2	-265.2	47.5	-308.9	41.0
		-71.8	-8.3	3008	1623	-23.9	-5.1					
21ST	272.25							-1812.5	-256.9	44.1	-284.8	39.5
		-72.3	-8.2	3008	1623	-24.0	-5.1					
22ND	285.25							-1740.2	-248.7	40.8	-261.7	38.0
		-72.8	-8.2	3008	1623	-24.2	-5.0					
23RD	298.25							-1667.3	-240.5	37.7	-239.6	36.5
		-73.4	-8.1	3008	1623	-24.4	-5.0					
24TH	311.25							-1593.9	-232.4	34.6	-218.4	34.9
		-74.0	-8.0	3008	1623	-24.6	-4.9					
25TH	324.25							-1520.0	-224.4	31.6	-198.1	33.3
		-74.4	-8.0	3008	1623	-24.7	-4.9					
26TH	337.25							-1445.6	-216.4	28.7	-178.9	31.6
		-74.5	-8.4	3008	1623	-24.8	-5.2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
								-1371.1	-208.0	26.0	-160.6	29.9
27TH	350.25	-74.7	-8.8	3008	1623	-24.8	-5.4	-1296.4	-199.3	23.3	-143.2	28.2
28TH	363.25	-74.9	-9.1	3008	1623	-24.9	-5.6	-1221.5	-190.1	20.8	-126.9	26.5
29TH	376.25	-75.0	-9.5	3008	1623	-24.9	-5.9	-1146.5	-180.6	18.4	-111.5	24.8
30TH	389.25	-75.5	-10.0	3008	1623	-25.1	-6.1	-1071.0	-170.6	16.1	-97.0	23.1
31ST	402.25	-76.3	-10.5	3008	1623	-25.4	-6.5	-994.7	-160.2	14.0	-83.6	21.4
32ND	415.25	-77.2	-11.0	3008	1623	-25.7	-6.8	-917.5	-149.2	12.0	-71.2	19.6
33RD	428.25	-78.0	-11.5	3008	1623	-25.9	-7.1	-839.4	-137.7	10.1	-59.8	17.8
34TH	441.25	-78.9	-12.0	3008	1623	-26.2	-7.4	-760.6	-125.7	8.4	-49.4	16.0
35TH	454.25	-79.0	-12.2	3008	1623	-26.3	-7.5	-681.5	-113.5	6.8	-40.0	14.2
36TH	467.25	-78.8	-12.2	3008	1623	-26.2	-7.5	-602.7	-101.3	5.4	-31.7	12.3
37TH	480.25	-78.5	-12.2	3008	1623	-26.1	-7.5	-524.2	-89.1	4.2	-24.3	10.4
38TH	493.25	-78.3	-12.2	3008	1623	-26.0	-7.5	-445.9	-76.9	3.1	-18.0	8.4
39TH	506.25	-77.9	-12.2	3008	1623	-25.9	-7.5	-368.0	-64.7	2.2	-12.7	6.4
40TH	519.25	-75.5	-13.3	3008	1623	-25.1	-8.2	-292.5	-51.4	1.4	-8.4	4.5
41ST	532.25	-73.0	-14.7	3008	1623	-24.3	-9.0	-219.5	-36.8	.9	-5.1	2.8
42ND	545.25	-86.2	-14.0	4002	2171	-21.5	-6.5	-133.3	-22.7	.3	-1.9	1.5
PENT	563.25	-133.3	-22.7	6390	3472	-20.9	-6.5	0.0	0.0	0.0	0.0	0.0
TOP	592.27											

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-3282.6	-334.1	94.8	-1020.5	23.9
		-120.3	-14.3	5843	3152	-20.6	-4.5					
2ND	25.25							-3162.3	-319.8	86.5	-939.2	23.2
		-62.9	-6.3	3008	1623	-20.9	-3.9					
3RD	38.25							-3099.4	-313.4	82.4	-898.5	22.8
		-63.5	-6.7	3008	1623	-21.1	-4.1					
4TH	51.25							-3035.9	-306.8	78.4	-858.6	22.5
		-64.2	-7.0	3008	1623	-21.3	-4.3					
5TH	64.25							-2971.7	-299.8	74.4	-819.5	22.2
		-64.8	-7.4	3008	1623	-21.6	-4.5					
6TH	77.25							-2906.9	-292.4	70.6	-781.3	21.9
		-64.3	-7.7	3008	1623	-21.4	-4.8					
7TH	90.25							-2842.6	-284.6	66.8	-743.9	21.7
		-61.1	-8.0	3008	1623	-20.3	-4.9					
8TH	103.25							-2781.5	-276.6	63.2	-707.4	21.6
		-57.9	-8.2	3008	1623	-19.3	-5.1					
9TH	116.25							-2723.6	-268.4	59.6	-671.6	21.7
		-54.7	-8.5	3008	1623	-18.2	-5.2					
10TH	129.25							-2668.8	-259.9	56.2	-636.6	22.0
		-51.5	-8.8	3008	1623	-17.1	-5.4					
11TH	142.25							-2617.3	-251.1	52.9	-602.2	22.4
		-53.2	-9.0	3008	1623	-17.7	-5.5					
12TH	155.25							-2564.1	-242.2	49.7	-568.5	22.6
		-58.4	-9.0	3008	1623	-19.4	-5.5					
13TH	168.25							-2505.7	-233.2	46.6	-535.6	22.7
		-63.5	-9.0	3008	1623	-21.1	-5.5					
14TH	181.25							-2442.2	-224.2	43.6	-503.4	22.6
		-68.7	-9.0	3008	1623	-22.8	-5.5					
15TH	194.25							-2373.5	-215.2	40.8	-472.1	22.2
		-73.8	-9.0	3008	1623	-24.5	-5.5					
16TH	207.25							-2299.7	-206.2	38.0	-441.7	21.7
		-75.1	-8.9	3008	1623	-25.0	-5.5					
17TH	220.25							-2224.6	-197.3	35.4	-412.3	21.1
		-75.5	-8.7	3008	1623	-25.1	-5.4					
18TH	233.25							-2149.1	-188.6	32.9	-383.9	20.4
		-75.8	-8.5	3008	1623	-25.2	-5.2					
19TH	246.25							-2073.3	-180.1	30.5	-356.4	19.7
		-76.2	-8.3	3008	1623	-25.3	-5.1					
20TH	259.25							-1997.1	-171.8	28.2	-330.0	19.0
		-76.5	-8.1	3008	1623	-25.4	-5.0					
21ST	272.25							-1920.6	-163.7	26.0	-304.5	18.2
		-76.6	-7.8	3008	1623	-25.5	-4.8					
22ND	285.25							-1844.0	-155.9	23.9	-280.0	17.4
		-76.7	-7.5	3008	1623	-25.5	-4.6					
23RD	298.25							-1767.3	-148.4	22.0	-256.6	16.7
		-76.8	-7.2	3008	1623	-25.5	-4.4					
24TH	311.25							-1690.5	-141.2	20.1	-234.1	15.9
		-76.9	-6.9	3008	1623	-25.6	-4.2					
25TH	324.25							-1613.6	-134.3	18.3	-212.6	15.2
		-77.0	-6.6	3008	1623	-25.6	-4.1					
26TH	337.25							-1536.6	-127.8	16.6	-192.1	14.4
		-77.4	-6.3	3008	1623	-25.7	-3.9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
27TH	350.25							-1459.2	-121.5	15.0	-172.7	13.7
		-77.7	-6.0	3008	1623	-25.8	-3.7					
28TH	363.25							-1381.5	-115.6	13.4	-154.2	12.9
		-78.1	-5.6	3008	1623	-26.0	-3.5					
29TH	376.25							-1303.4	-109.9	12.0	-136.8	12.2
		-78.5	-5.3	3008	1623	-26.1	-3.3					
30TH	389.25							-1224.9	-104.6	10.6	-120.3	11.4
		-79.1	-5.3	3008	1623	-26.3	-3.3					
31ST	402.25							-1145.9	-99.3	9.2	-104.9	10.6
		-79.7	-5.8	3008	1623	-26.5	-3.6					
32ND	415.25							-1066.1	-93.5	8.0	-90.5	9.8
		-80.4	-6.3	3008	1623	-26.7	-3.9					
33RD	428.25							-985.7	-87.1	6.8	-77.2	8.9
		-81.1	-6.9	3008	1623	-27.0	-4.2					
34TH	441.25							-904.6	-80.3	5.7	-64.9	8.0
		-81.8	-7.4	3008	1623	-27.2	-4.6					
35TH	454.25							-822.8	-72.9	4.7	-53.7	7.0
		-82.5	-7.6	3008	1623	-27.4	-4.7					
36TH	467.25							-740.2	-65.3	3.8	-43.5	6.1
		-83.3	-7.4	3008	1623	-27.7	-4.6					
37TH	480.25							-656.9	-57.9	3.0	-34.4	5.1
		-84.1	-7.3	3008	1623	-28.0	-4.5					
38TH	493.25							-572.8	-50.5	2.3	-26.5	4.1
		-84.9	-7.2	3008	1623	-28.2	-4.4					
39TH	506.25							-487.9	-43.3	1.7	-19.6	3.1
		-85.6	-7.1	3008	1623	-28.4	-4.4					
40TH	519.25							-402.3	-36.2	1.2	-13.8	2.0
		-84.0	-7.8	3008	1623	-27.9	-4.8					
41ST	532.25							-318.3	-28.4	.8	-9.1	1.1
		-82.4	-8.7	3008	1623	-27.4	-5.4					
42ND	545.25							-235.9	-19.7	.5	-5.5	.2
		-93.0	-7.1	4002	2171	-23.3	-3.3					
PENT	563.25							-142.9	-12.5	.2	-2.1	.1
		-142.9	-12.5	6390	3472	-22.4	-3.6					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-3351.7	-138.0	18.3	-1051.4	-9.1
		-119.2	-12.3	5843	3152	-20.4	-3.9					
2ND	25.25							-3232.5	-125.7	14.9	-968.3	-8.6
		-59.5	-4.8	3008	1623	-19.8	-3.0					
3RD	38.25							-3173.0	-120.9	13.3	-926.6	-8.2
		-61.7	-5.6	3008	1623	-20.5	-3.4					
4TH	51.25							-3111.3	-115.3	11.8	-885.8	-7.9
		-63.9	-6.4	3008	1623	-21.2	-3.9					
5TH	64.25							-3047.4	-108.9	10.4	-845.8	-7.5
		-66.1	-7.1	3008	1623	-22.0	-4.4					
6TH	77.25							-2981.3	-101.8	9.0	-806.6	-7.0
		-66.0	-7.9	3008	1623	-21.9	-4.8					
7TH	90.25							-2915.3	-93.9	7.7	-768.2	-6.5
		-61.4	-7.7	3008	1623	-20.4	-4.8					
8TH	103.25							-2853.9	-86.2	6.5	-730.7	-6.1
		-56.8	-7.6	3008	1623	-18.9	-4.7					
9TH	116.25							-2797.1	-78.6	5.5	-694.0	-5.8
		-52.3	-7.4	3008	1623	-17.4	-4.6					
10TH	129.25							-2744.8	-71.2	4.5	-658.0	-5.6
		-47.7	-7.3	3008	1623	-15.8	-4.5					
11TH	142.25							-2697.1	-63.9	3.6	-622.6	-5.5
		-50.3	-7.0	3008	1623	-16.7	-4.3					
12TH	155.25							-2646.8	-56.9	2.8	-587.9	-5.6
		-56.9	-6.6	3008	1623	-18.9	-4.1					
13TH	168.25							-2590.0	-50.3	2.1	-553.8	-5.6
		-63.4	-6.1	3008	1623	-21.1	-3.8					
14TH	181.25							-2526.6	-44.2	1.5	-520.6	-5.6
		-70.0	-5.6	3008	1623	-23.3	-3.5					
15TH	194.25							-2456.6	-38.6	1.0	-488.2	-5.5
		-76.5	-5.2	3008	1623	-25.4	-3.2					
16TH	207.25							-2380.1	-33.4	.5	-456.8	-5.4
		-77.6	-4.8	3008	1623	-25.8	-2.9					
17TH	220.25							-2302.5	-28.6	.1	-426.3	-5.3
		-78.0	-4.5	3008	1623	-25.9	-2.8					
18TH	233.25							-2224.5	-24.1	-.2	-396.9	-5.1
		-78.4	-4.2	3008	1623	-26.1	-2.6					
19TH	246.25							-2146.1	-20.0	-.5	-368.5	-4.9
		-78.8	-3.8	3008	1623	-26.2	-2.4					
20TH	259.25							-2067.4	-16.2	-.8	-341.1	-4.8
		-79.2	-3.5	3008	1623	-26.3	-2.2					
21ST	272.25							-1988.1	-12.6	-.9	-314.7	-4.6
		-79.4	-3.2	3008	1623	-26.4	-2.0					
22ND	285.25							-1908.7	-9.4	-1.1	-289.4	-4.4
		-79.5	-2.9	3008	1623	-26.4	-1.8					
23RD	298.25							-1829.3	-6.5	-1.2	-265.1	-4.3
		-79.5	-2.6	3008	1623	-26.4	-1.6					
24TH	311.25							-1749.8	-3.9	-1.3	-241.8	-4.1
		-79.5	-2.3	3008	1623	-26.4	-1.4					
25TH	324.25							-1670.2	-1.5	-1.3	-219.6	-4.0
		-79.5	-2.0	3008	1623	-26.4	-1.3					
26TH	337.25							-1590.8	.5	-1.3	-198.4	-3.9
		-79.8	-1.7	3008	1623	-26.5	-1.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-1510.9	2.3	-1.3	-178.3	-3.8
		-80.2	-1.4	3008	1623	-26.7	-.9					
28TH	363.25							-1430.8	3.7	-1.2	-159.1	-3.6
		-80.6	-1.1	3008	1623	-26.8	-.7					
29TH	376.25							-1350.2	4.8	-1.2	-141.1	-3.5
		-80.9	-.8	3008	1623	-26.9	-.5					
30TH	389.25							-1269.3	5.7	-1.1	-124.0	-3.4
		-81.9	-.6	3008	1623	-27.2	-.4					
31ST	402.25							-1187.4	6.2	-1.0	-108.1	-3.4
		-83.0	-.5	3008	1623	-27.6	-.3					
32ND	415.25							-1104.4	6.7	-1.0	-93.2	-3.3
		-84.2	-.3	3008	1623	-28.0	-.2					
33RD	428.25							-1020.2	7.0	-.9	-79.4	-3.2
		-85.4	-.2	3008	1623	-28.4	-.1					
34TH	441.25							-934.8	7.3	-.8	-66.6	-3.1
		-86.5	-.1	3008	1623	-28.8	-.1					
35TH	454.25							-848.3	7.4	-.7	-55.1	-3.1
		-86.8	.0	3008	1623	-28.8	.0					
36TH	467.25							-761.5	7.3	-.6	-44.6	-3.0
		-87.0	.2	3008	1623	-28.9	.1					
37TH	480.25							-674.5	7.1	-.5	-35.3	-2.9
		-87.3	.4	3008	1623	-29.0	.2					
38TH	493.25							-587.3	6.8	-.4	-27.1	-2.9
		-87.5	.5	3008	1623	-29.1	.3					
39TH	506.25							-499.7	6.3	-.3	-20.0	-2.8
		-87.7	.7	3008	1623	-29.1	.4					
40TH	519.25							-412.1	5.6	-.2	-14.1	-2.8
		-86.4	.3	3008	1623	-28.7	.2					
41ST	532.25							-325.7	5.3	-.2	-9.3	-2.7
		-85.1	-.1	3008	1623	-28.3	-.1					
42ND	545.25							-240.6	5.4	-.1	-5.6	-2.6
		-95.0	3.4	4002	2171	-23.7	1.6					
PENT	563.25							-145.6	2.0	-.0	-2.1	-1.5
		-145.6	2.0	6390	3472	-22.8	.6					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-3241.4	130.2	-68.0	-1015.2	-39.2
		-124.9	-2.2	5843	3152	-21.4	-.7					
2ND	25.25							-3116.6	132.4	-64.7	-934.9	-37.9
		-62.1	-.1	3008	1623	-20.6	-.1					
3RD	38.25							-3054.5	132.6	-62.9	-894.8	-37.2
		-63.4	-1.2	3008	1623	-21.1	-.8					
4TH	51.25							-2991.1	133.8	-61.2	-855.5	-36.4
		-64.7	-2.3	3008	1623	-21.5	-1.4					
5TH	64.25							-2926.4	136.1	-59.5	-817.1	-35.5
		-66.0	-3.4	3008	1623	-21.9	-2.1					
6TH	77.25							-2860.4	139.5	-57.7	-779.5	-34.6
		-64.3	-4.4	3008	1623	-21.4	-2.7					
7TH	90.25							-2796.2	144.0	-55.8	-742.7	-33.6
		-58.0	-4.0	3008	1623	-19.3	-2.4					
8TH	103.25							-2738.1	147.9	-53.9	-706.7	-33.0
		-51.8	-3.5	3008	1623	-17.2	-2.1					
9TH	116.25							-2686.4	151.4	-52.0	-671.5	-32.7
		-45.5	-3.0	3008	1623	-15.1	-1.8					
10TH	129.25							-2640.8	154.4	-50.0	-636.8	-32.7
		-39.3	-2.5	3008	1623	-13.1	-1.5					
11TH	142.25							-2601.5	156.9	-48.0	-602.8	-33.0
		-42.8	-2.0	3008	1623	-14.2	-1.2					
12TH	155.25							-2558.7	158.9	-45.9	-569.2	-33.6
		-50.8	-1.5	3008	1623	-16.9	-1.0					
13TH	168.25							-2508.0	160.4	-43.8	-536.3	-33.8
		-58.8	-1.1	3008	1623	-19.5	-.7					
14TH	181.25							-2449.2	161.5	-41.8	-504.1	-33.7
		-66.7	-.6	3008	1623	-22.2	-.4					
15TH	194.25							-2382.5	162.1	-39.7	-472.7	-33.2
		-74.7	-.1	3008	1623	-24.8	-.1					
16TH	207.25							-2307.7	162.2	-37.5	-442.2	-32.5
		-75.3	.4	3008	1623	-25.0	.3					
17TH	220.25							-2232.4	161.8	-35.4	-412.7	-31.6
		-75.2	1.0	3008	1623	-25.0	.6					
18TH	233.25							-2157.2	160.7	-33.3	-384.1	-30.7
		-75.1	1.6	3008	1623	-25.0	1.0					
19TH	246.25							-2082.0	159.2	-31.3	-356.6	-29.8
		-75.0	2.2	3008	1623	-24.9	1.3					
20TH	259.25							-2007.0	157.0	-29.2	-330.0	-28.8
		-75.0	2.8	3008	1623	-24.9	1.7					
21ST	272.25							-1932.0	154.2	-27.2	-304.4	-27.8
		-76.0	3.2	3008	1623	-25.3	2.0					
22ND	285.25							-1856.0	151.0	-25.2	-279.8	-26.8
		-77.0	3.5	3008	1623	-25.6	2.2					
23RD	298.25							-1779.0	147.5	-23.3	-256.1	-25.7
		-78.0	3.9	3008	1623	-25.9	2.4					
24TH	311.25							-1701.0	143.6	-21.4	-233.5	-24.6
		-79.0	4.2	3008	1623	-26.3	2.6					
25TH	324.25							-1621.9	139.4	-19.5	-211.9	-23.5
		-79.6	4.6	3008	1623	-26.5	2.8					
26TH	337.25							-1542.3	134.8	-17.7	-191.3	-22.3
		-79.8	5.1	3008	1623	-26.5	3.1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-1462.5	129.7	-16.0	-171.8	-21.2
		-80.0	5.6	3008	1623	-26.6	3.4					
28TH	363.25							-1382.6	124.1	-14.4	-153.3	-20.1
		-80.1	6.0	3008	1623	-26.6	3.7					
29TH	376.25							-1302.4	118.1	-12.8	-135.9	-19.0
		-80.3	6.5	3008	1623	-26.7	4.0					
30TH	389.25							-1222.1	111.6	-11.3	-119.5	-18.0
		-80.7	6.8	3008	1623	-26.8	4.2					
31ST	402.25							-1141.4	104.8	-9.9	-104.1	-17.0
		-80.9	6.9	3008	1623	-26.9	4.3					
32ND	415.25							-1060.5	97.8	-8.6	-89.8	-16.0
		-81.2	7.0	3008	1623	-27.0	4.3					
33RD	428.25							-979.3	90.8	-7.4	-76.5	-14.9
		-81.4	7.1	3008	1623	-27.1	4.4					
34TH	441.25							-897.9	83.7	-6.2	-64.3	-13.8
		-81.7	7.2	3008	1623	-27.1	4.5					
35TH	454.25							-816.3	76.4	-5.2	-53.2	-12.7
		-82.1	7.3	3008	1623	-27.3	4.5					
36TH	467.25							-734.2	69.2	-4.2	-43.1	-11.6
		-82.8	7.3	3008	1623	-27.5	4.5					
37TH	480.25							-651.4	61.9	-3.4	-34.1	-10.5
		-83.5	7.3	3008	1623	-27.8	4.5					
38TH	493.25							-567.9	54.6	-2.6	-26.2	-9.4
		-84.2	7.3	3008	1623	-28.0	4.5					
39TH	506.25							-483.6	47.2	-2.0	-19.3	-8.3
		-84.8	7.3	3008	1623	-28.2	4.5					
40TH	519.25							-398.8	39.9	-1.4	-13.6	-7.2
		-83.9	7.2	3008	1623	-27.9	4.4					
41ST	532.25							-314.8	32.7	-.9	-9.0	-6.1
		-83.0	7.0	3008	1623	-27.6	4.3					
42ND	545.25							-231.8	25.7	-.5	-5.4	-5.0
		-90.4	12.2	4002	2171	-22.6	5.6					
PENT	563.25							-141.4	13.5	-.2	-2.1	-2.8
		-141.4	13.5	6390	3472	-22.1	3.9					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-2985.6	320.8	-131.1	-945.3	-67.5
		-113.3	3.9	5843	3152	-19.4	1.2					
2ND	25.25							-2872.2	316.9	-123.0	-871.4	-65.4
		-55.0	4.2	3008	1623	-18.3	2.6					
3RD	38.25							-2817.2	312.7	-118.9	-834.4	-64.4
		-57.4	2.7	3008	1623	-19.1	1.7					
4TH	51.25							-2759.9	310.0	-114.9	-798.1	-63.2
		-59.8	1.3	3008	1623	-19.9	.8					
5TH	64.25							-2700.1	308.7	-110.8	-762.6	-61.9
		-62.2	-.2	3008	1623	-20.7	-.1					
6TH	77.25							-2637.9	308.9	-106.8	-727.9	-60.5
		-60.8	-1.7	3008	1623	-20.2	-1.0					
7TH	90.25							-2577.1	310.6	-102.8	-694.0	-59.0
		-53.3	-1.0	3008	1623	-17.7	-.6					
8TH	103.25							-2523.8	311.6	-98.8	-660.9	-58.0
		-45.7	-.3	3008	1623	-15.2	-.2					
9TH	116.25							-2478.0	311.9	-94.7	-628.4	-57.5
		-38.2	.4	3008	1623	-12.7	.2					
10TH	129.25							-2439.8	311.5	-90.7	-596.4	-57.4
		-30.7	1.1	3008	1623	-10.2	.7					
11TH	142.25							-2409.2	310.4	-86.6	-564.9	-57.9
		-34.0	1.7	3008	1623	-11.3	1.1					
12TH	155.25							-2375.2	308.7	-82.6	-533.8	-58.4
		-42.1	2.3	3008	1623	-14.0	1.4					
13TH	168.25							-2333.1	306.4	-78.6	-503.2	-58.5
		-50.2	3.0	3008	1623	-16.7	1.8					
14TH	181.25							-2282.9	303.4	-74.6	-473.2	-58.2
		-58.2	3.6	3008	1623	-19.4	2.2					
15TH	194.25							-2224.7	299.8	-70.7	-443.9	-57.3
		-66.3	4.2	3008	1623	-22.0	2.6					
16TH	207.25							-2158.4	295.6	-66.8	-415.4	-55.9
		-67.8	4.6	3008	1623	-22.5	2.8					
17TH	220.25							-2090.6	291.0	-63.0	-387.8	-54.4
		-69.1	4.6	3008	1623	-23.0	2.9					
18TH	233.25							-2021.5	286.4	-59.3	-361.1	-52.8
		-70.4	4.7	3008	1623	-23.4	2.9					
19TH	246.25							-1951.2	281.6	-55.6	-335.2	-51.1
		-71.6	4.8	3008	1623	-23.8	3.0					
20TH	259.25							-1879.5	276.8	-51.9	-310.3	-49.5
		-72.9	4.9	3008	1623	-24.2	3.0					
21ST	272.25							-1806.6	271.9	-48.4	-286.4	-47.8
		-72.8	5.4	3008	1623	-24.2	3.3					
22ND	285.25							-1733.8	266.5	-44.9	-263.4	-46.1
		-72.6	6.0	3008	1623	-24.1	3.7					
23RD	298.25							-1661.2	260.5	-41.5	-241.3	-44.4
		-72.4	6.6	3008	1623	-24.1	4.1					
24TH	311.25							-1588.8	253.9	-38.1	-220.2	-42.6
		-72.2	7.2	3008	1623	-24.0	4.5					
25TH	324.25							-1516.6	246.7	-34.9	-200.0	-40.7
		-72.1	7.8	3008	1623	-24.0	4.8					
26TH	337.25							-1444.5	238.8	-31.7	-180.7	-38.9
		-72.8	8.5	3008	1623	-24.2	5.3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-1371.6	230.3	-28.7	-162.4	-37.0
		-73.6	9.3	3008	1623	-24.4	5.7					
28TH	363.25							-1298.1	221.0	-25.7	-145.1	-35.1
		-74.3	10.0	3008	1623	-24.7	6.1					
29TH	376.25							-1223.8	211.1	-22.9	-128.7	-33.3
		-75.0	10.7	3008	1623	-24.9	6.6					
30TH	389.25							-1148.8	200.4	-20.2	-113.3	-31.4
		-75.4	11.3	3008	1623	-25.1	7.0					
31ST	402.25							-1073.4	189.1	-17.7	-98.8	-29.5
		-75.3	11.7	3008	1623	-25.0	7.2					
32ND	415.25							-998.1	177.3	-15.3	-85.4	-27.6
		-75.2	12.2	3008	1623	-25.0	7.5					
33RD	428.25							-922.8	165.2	-13.1	-72.9	-25.6
		-75.1	12.6	3008	1623	-25.0	7.8					
34TH	441.25							-847.7	152.6	-11.0	-61.4	-23.6
		-75.0	13.0	3008	1623	-24.9	8.0					
35TH	454.25							-772.8	139.5	-9.1	-50.8	-21.6
		-75.7	13.4	3008	1623	-25.2	8.3					
36TH	467.25							-697.0	126.1	-7.4	-41.3	-19.5
		-76.9	13.8	3008	1623	-25.6	8.5					
37TH	480.25							-620.1	112.2	-5.9	-32.7	-17.5
		-78.1	14.2	3008	1623	-26.0	8.8					
38TH	493.25							-542.0	98.0	-4.5	-25.2	-15.4
		-79.3	14.6	3008	1623	-26.4	9.0					
39TH	506.25							-462.7	83.4	-3.3	-18.6	-13.4
		-80.2	15.0	3008	1623	-26.7	9.2					
40TH	519.25							-382.5	68.4	-2.3	-13.1	-11.4
		-78.8	14.5	3008	1623	-26.2	8.9					
41ST	532.25							-303.7	53.9	-1.5	-8.7	-9.4
		-77.5	13.8	3008	1623	-25.8	8.5					
42ND	545.25							-226.2	40.1	-.9	-5.2	-7.4
		-90.3	16.4	4002	2171	-22.6	7.6					
PENT	563.25							-135.9	23.7	-.3	-2.0	-4.2
		-135.9	23.7	6390	3472	-21.3	6.8					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00							-3008.8	260.6	-107.8	-970.3	-81.2
		-106.2	10.5	5843	3152	-18.2	3.3					
2ND	25.25							-2902.6	250.1	-101.3	-895.7	-78.8
		-50.5	6.8	3008	1623	-16.8	4.2					
3RD	38.25							-2852.1	243.3	-98.1	-858.3	-77.6
		-52.9	5.2	3008	1623	-17.6	3.2					
4TH	51.25							-2799.2	238.1	-95.0	-821.5	-76.3
		-55.3	3.6	3008	1623	-18.4	2.2					
5TH	64.25							-2743.9	234.5	-91.9	-785.5	-74.9
		-57.6	1.9	3008	1623	-19.2	1.2					
6TH	77.25							-2686.2	232.6	-88.9	-750.2	-73.4
		-56.5	.4	3008	1623	-18.8	.2					
7TH	90.25							-2629.7	232.2	-85.9	-715.7	-71.9
		-49.9	.2	3008	1623	-16.6	.1					
8TH	103.25							-2579.8	232.0	-82.8	-681.8	-70.8
		-43.3	.1	3008	1623	-14.4	.1					
9TH	116.25							-2536.4	231.9	-79.8	-648.5	-70.1
		-36.8	-.0	3008	1623	-12.2	-.0					
10TH	129.25							-2499.7	232.0	-76.8	-615.8	-70.0
		-30.2	-.2	3008	1623	-10.0	-.1					
11TH	142.25							-2469.5	232.2	-73.8	-583.5	-70.3
		-33.8	-.1	3008	1623	-11.2	-.1					
12TH	155.25							-2435.7	232.3	-70.8	-551.6	-70.7
		-41.5	.4	3008	1623	-13.8	.2					
13TH	168.25							-2394.2	231.9	-67.8	-520.2	-70.5
		-49.3	.8	3008	1623	-16.4	.5					
14TH	181.25							-2344.9	231.1	-64.8	-489.4	-69.9
		-57.0	1.3	3008	1623	-19.0	.8					
15TH	194.25							-2287.9	229.7	-61.8	-459.3	-68.7
		-64.8	1.8	3008	1623	-21.5	1.1					
16TH	207.25							-2223.1	227.9	-58.8	-430.0	-67.0
		-66.5	2.0	3008	1623	-22.1	1.2					
17TH	220.25							-2156.6	225.9	-55.8	-401.5	-65.0
		-68.4	1.8	3008	1623	-22.7	1.1					
18TH	233.25							-2088.2	224.1	-52.9	-373.9	-63.0
		-70.2	1.7	3008	1623	-23.3	1.0					
19TH	246.25							-2018.0	222.4	-50.0	-347.2	-61.0
		-72.1	1.6	3008	1623	-24.0	1.0					
20TH	259.25							-1945.9	220.8	-47.1	-321.5	-58.9
		-73.9	1.4	3008	1623	-24.6	.9					
21ST	272.25							-1872.1	219.4	-44.3	-296.7	-56.7
		-74.3	1.6	3008	1623	-24.7	1.0					
22ND	285.25							-1797.8	217.8	-41.4	-272.8	-54.6
		-74.5	2.0	3008	1623	-24.8	1.2					
23RD	298.25							-1723.2	215.8	-38.6	-249.9	-52.4
		-74.8	2.3	3008	1623	-24.9	1.4					
24TH	311.25							-1648.4	213.6	-35.8	-228.0	-50.1
		-75.1	2.6	3008	1623	-25.0	1.6					
25TH	324.25							-1573.4	211.0	-33.1	-207.1	-47.8
		-75.3	3.0	3008	1623	-25.0	1.8					
26TH	337.25							-1498.1	208.0	-30.3	-187.1	-45.5
		-75.5	4.1	3008	1623	-25.1	2.5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-1422.6	203.9	-27.7	-168.1	-43.2
		-75.7	5.3	3008	1623	-25.2	3.3					
28TH	363.25							-1346.8	198.6	-25.0	-150.1	-41.0
		-75.9	6.4	3008	1623	-25.2	4.0					
29TH	376.25							-1270.9	192.2	-22.5	-133.1	-38.8
		-76.2	7.6	3008	1623	-25.3	4.7					
30TH	389.25							-1194.7	184.6	-20.0	-117.1	-36.6
		-76.7	8.6	3008	1623	-25.5	5.3					
31ST	402.25							-1118.0	176.0	-17.7	-102.0	-34.5
		-77.6	9.1	3008	1623	-25.8	5.6					
32ND	415.25							-1040.4	166.9	-15.5	-88.0	-32.2
		-78.4	9.7	3008	1623	-26.1	6.0					
33RD	428.25							-962.0	157.3	-13.4	-75.0	-30.0
		-79.2	10.2	3008	1623	-26.3	6.3					
34TH	441.25							-882.9	147.1	-11.4	-63.0	-27.7
		-80.0	10.8	3008	1623	-26.6	6.6					
35TH	454.25							-802.9	136.3	-9.5	-52.0	-25.3
		-80.7	11.3	3008	1623	-26.8	7.0					
36TH	467.25							-722.1	125.0	-7.8	-42.1	-22.9
		-81.8	11.9	3008	1623	-27.2	7.3					
37TH	480.25							-640.3	113.1	-6.3	-33.3	-20.5
		-82.8	12.5	3008	1623	-27.5	7.7					
38TH	493.25							-557.5	100.6	-4.9	-25.5	-18.1
		-83.9	13.0	3008	1623	-27.9	8.0					
39TH	506.25							-473.6	87.6	-3.7	-18.8	-15.6
		-84.7	13.6	3008	1623	-28.2	8.4					
40TH	519.25							-388.9	74.0	-2.6	-13.2	-13.2
		-82.3	13.8	3008	1623	-27.4	8.5					
41ST	532.25							-306.6	60.1	-1.8	-8.7	-10.7
		-79.8	14.0	3008	1623	-26.5	8.6					
42ND	545.25							-226.8	46.1	-1.1	-5.2	-8.3
		-92.6	18.1	4002	2171	-23.1	8.3					
PENT	563.25							-134.2	28.1	-.4	-1.9	-4.6
		-134.2	28.1	6390	3472	-21.0	8.1					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00							-3158.7	-80.5	51.5	-1027.8	-89.8
		-104.6	17.6	5843	3152	-17.9	5.6					
2ND	25.25							-3054.1	-98.1	49.2	-949.3	-87.5
		-52.2	10.9	3008	1623	-17.4	6.7					
3RD	38.25							-3001.9	-108.9	47.9	-910.0	-86.4
		-53.9	9.1	3008	1623	-17.9	5.6					
4TH	51.25							-2948.0	-118.1	46.4	-871.3	-85.2
		-55.6	7.4	3008	1623	-18.5	4.6					
5TH	64.25							-2892.4	-125.5	44.8	-833.3	-83.9
		-57.2	5.7	3008	1623	-19.0	3.5					
6TH	77.25							-2835.2	-131.2	43.2	-796.1	-82.5
		-55.9	4.0	3008	1623	-18.6	2.5					
7TH	90.25							-2779.3	-135.2	41.4	-759.6	-81.1
		-50.5	3.6	3008	1623	-16.8	2.2					
8TH	103.25							-2728.8	-138.8	39.7	-723.8	-80.0
		-45.1	3.3	3008	1623	-15.0	2.0					
9TH	116.25							-2683.7	-142.1	37.8	-688.6	-79.4
		-39.8	2.9	3008	1623	-13.2	1.8					
10TH	129.25							-2643.9	-145.0	36.0	-654.0	-79.0
		-34.4	2.6	3008	1623	-11.4	1.6					
11TH	142.25							-2609.5	-147.6	34.1	-619.9	-79.1
		-38.1	2.1	3008	1623	-12.7	1.3					
12TH	155.25							-2571.4	-149.7	32.1	-586.2	-79.2
		-45.5	1.2	3008	1623	-15.1	.7					
13TH	168.25							-2525.8	-150.9	30.2	-553.1	-78.8
		-52.9	.2	3008	1623	-17.6	.1					
14TH	181.25							-2472.9	-151.1	28.2	-520.6	-78.0
		-60.3	-.7	3008	1623	-20.0	-.4					
15TH	194.25							-2412.6	-150.4	26.3	-488.8	-76.6
		-67.7	-1.6	3008	1623	-22.5	-1.0					
16TH	207.25							-2345.0	-148.8	24.3	-457.9	-74.8
		-68.8	-2.5	3008	1623	-22.9	-1.5					
17TH	220.25							-2276.1	-146.3	22.4	-427.8	-72.7
		-69.6	-3.3	3008	1623	-23.1	-2.1					
18TH	233.25							-2206.5	-143.0	20.5	-398.7	-70.6
		-70.4	-4.2	3008	1623	-23.4	-2.6					
19TH	246.25							-2136.1	-138.8	18.7	-370.5	-68.4
		-71.2	-5.1	3008	1623	-23.7	-3.1					
20TH	259.25							-2064.9	-133.7	16.9	-343.2	-66.2
		-72.0	-5.9	3008	1623	-23.9	-3.6					
21ST	272.25							-1992.8	-127.8	15.2	-316.8	-64.0
		-73.8	-6.5	3008	1623	-24.5	-4.0					
22ND	285.25							-1919.1	-121.3	13.6	-291.4	-61.7
		-75.6	-6.9	3008	1623	-25.1	-4.3					
23RD	298.25							-1843.5	-114.4	12.1	-266.9	-59.3
		-77.4	-7.4	3008	1623	-25.7	-4.6					
24TH	311.25							-1766.0	-107.0	10.6	-243.5	-56.8
		-79.3	-7.9	3008	1623	-26.4	-4.9					
25TH	324.25							-1686.7	-99.1	9.3	-221.0	-54.2
		-80.8	-8.3	3008	1623	-26.8	-5.1					
26TH	337.25							-1606.0	-90.9	8.0	-199.6	-51.6
		-81.2	-7.7	3008	1623	-27.0	-4.8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
27TH	350.25							-1524.7	-83.1	6.9	-179.3	-49.0
		-81.7	-7.2	3008	1623	-27.2	-4.4					
28TH	363.25							-1443.0	-76.0	5.9	-160.0	-46.4
		-82.2	-6.6	3008	1623	-27.3	-4.1					
29TH	376.25							-1360.9	-69.3	4.9	-141.7	-43.9
		-82.6	-6.1	3008	1623	-27.5	-3.7					
30TH	389.25							-1278.2	-63.3	4.1	-124.6	-41.4
		-83.5	-5.8	3008	1623	-27.7	-3.6					
31ST	402.25							-1194.8	-57.5	3.3	-108.5	-38.9
		-84.5	-6.1	3008	1623	-28.1	-3.7					
32ND	415.25							-1110.3	-51.4	2.6	-93.5	-36.3
		-85.5	-6.3	3008	1623	-28.4	-3.9					
33RD	428.25							-1024.8	-45.1	2.0	-79.7	-33.7
		-86.5	-6.6	3008	1623	-28.7	-4.1					
34TH	441.25							-938.4	-38.5	1.4	-66.9	-31.0
		-87.5	-6.9	3008	1623	-29.1	-4.3					
35TH	454.25							-850.9	-31.5	1.0	-55.3	-28.3
		-87.7	-6.7	3008	1623	-29.1	-4.1					
36TH	467.25							-763.2	-24.9	.6	-44.8	-25.5
		-87.8	-6.1	3008	1623	-29.2	-3.8					
37TH	480.25							-675.5	-18.7	.3	-35.4	-22.7
		-87.8	-5.5	3008	1623	-29.2	-3.4					
38TH	493.25							-587.6	-13.2	.1	-27.2	-19.9
		-87.9	-4.9	3008	1623	-29.2	-3.0					
39TH	506.25							-499.7	-8.3	-.0	-20.1	-17.1
		-87.8	-4.4	3008	1623	-29.2	-2.7					
40TH	519.25							-411.9	-3.9	-.1	-14.2	-14.2
		-85.0	-3.8	3008	1623	-28.2	-2.3					
41ST	532.25							-327.0	-.2	-.1	-9.4	-11.3
		-82.1	-3.1	3008	1623	-27.3	-1.9					
42ND	545.25							-244.9	3.0	-.1	-5.7	-8.5
		-96.3	-1.4	4002	2171	-24.1	-.7					
PENT	563.25							-148.6	4.4	-.1	-2.2	-4.1
		-148.6	4.4	6390	3472	-23.3	1.3					
TOP	592.27							0.0	0.0	0.0	0.0	0.0

TABLE 7. AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 30
PROJECT 7770 CONFIGURATION A
SCALE = 400 REF. PRESSURE = 30.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 13.00
NUMBER OF SIDES = 5 NO. OF FLOORS = 43

SIDE	ANGLE	Z-AXIS
1	0.0	3.470
2	90.0	1.840
3	90.0	-1.500
4	180.0	3.470
5	270.0	2.070

FLOOR #	LABEL	HEIGHT-FT
1	GRND	25.25
2	2ND	13.00
3	3RD	13.00
4	4TH	13.00
5	5TH	13.00
6	6TH	13.00
7	7TH	13.00
8	8TH	13.00
9	9TH	13.00
10	10TH	13.00
11	11TH	13.00
12	12TH	13.00
13	13TH	13.00
14	14TH	13.00
15	15TH	13.00
16	16TH	13.00
17	17TH	13.00
18	18TH	13.00
19	19TH	13.00
20	20TH	13.00
21	21ST	13.00
22	22ND	13.00
23	23RD	13.00
24	24TH	13.00
25	25TH	13.00
26	26TH	13.00
27	27TH	13.00
28	28TH	13.00
29	29TH	13.00
30	30TH	13.00
31	31ST	13.00
32	32ND	13.00
33	33RD	13.00
34	34TH	13.00
35	35TH	13.00
36	36TH	13.00
37	37TH	13.00
38	38TH	13.00
39	39TH	13.00
40	40TH	13.00
41	41ST	13.00
42	42ND	18.00
43	PENT	29.00

TABLE 7 AMERICAN GENERAL NO. 5 BUILDING, HOUSTON -- REF. PRESS. = 42
PROJECT 7770 CONFIGURATION A
SCALE = 400 REF. PRESSURE = 42.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 13.00
NUMBER OF SIDES = 5 NO. OF FLOORS = 43

SIDE	ANGLE	Z-AXIS
1	0.0	3.470
2	90.0	1.840
3	90.0	-1.500
4	180.0	3.470
5	270.0	2.070

FLOOR #	LABEL	HEIGHT-FT
1	GRND	25.25
2	2ND	13.00
3	3RD	13.00
4	4TH	13.00
5	5TH	13.00
6	6TH	13.00
7	7TH	13.00
8	8TH	13.00
9	9TH	13.00
10	10TH	13.00
11	11TH	13.00
12	12TH	13.00
13	13TH	13.00
14	14TH	13.00
15	15TH	13.00
16	16TH	13.00
17	17TH	13.00
18	18TH	13.00
19	19TH	13.00
20	20TH	13.00
21	21ST	13.00
22	22ND	13.00
23	23RD	13.00
24	24TH	13.00
25	25TH	13.00
26	26TH	13.00
27	27TH	13.00
28	28TH	13.00
29	29TH	13.00
30	30TH	13.00
31	31ST	13.00
32	32ND	13.00
33	33RD	13.00
34	34TH	13.00
35	35TH	13.00
36	36TH	13.00
37	37TH	13.00
38	38TH	13.00
39	39TH	13.00
40	40TH	13.00
41	41ST	13.00
42	42ND	18.00
43	PENT	29.00

APPENDIX A

PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1	-.403	.155	.072	-1.023
0	2	-.362	.144	.111	-.945
0	3	-.384	.154	.062	-.908
0	4	-.057	.158	.534	-.645
0	5	-.314	.146	.254	-.778
0	6	-.181	.128	.261	-.701
0	7	-.292	.146	.198	-.920
0	8	-.262	.161	.307	-1.000
0	9	-.338	.141	.111	-.796
0	10	-.318	.121	.049	-.730
0	11	-.390	.158	.086	-1.018
0	12	-.390	.156	.090	-.908
0	13	-.202	.153	.403	-.763
0	14	-.037	.122	.556	-.432
0	15	-.121	.153	.762	-.334
0	16	-.107	.118	.352	-.512
0	17	-.174	.110	.224	-.527
0	18	-.186	.096	.137	-.497
0	19	-.337	.152	.141	-1.086
0	20	-.314	.157	.118	-1.131
0	101	.129	.181	.817	-.453
0	102	.087	.125	.581	-.290
0	103	.054	.133	.632	-.406
0	104	.041	.127	.567	-.405
0	105	.008	.124	.417	-.407
0	106	-.216	.103	.109	-.590
0	107	-.[illegible]	.[illegible]	.[illegible]	-.[illegible]
0	108	.171	.158	.758	-.312
0	109	.095	.148	.566	-.335
0	110	-.018	.115	.363	-.367
0	111	-.274	.133	.177	-.830
0	112	.333	.196	1.039	-.292
0	113	.369	.170	1.086	-.145
0	114	.074	.159	.604	-.579
0	115	.183	.144	.630	-.272
0	116	.138	.134	.589	-.302
0	117	.053	.122	.464	-.405
0	118	-.136	.100	.160	-.562
0	119	.356	.164	.983	-.146
0	120	.382	.160	1.034	-.119
0	121	.109	.190	.893	-.537
0	122	.171	.124	.705	-.291
0	123	.148	.134	.715	-.367
0	124	.080	.126	.622	-.404
0	125	-.098	.111	.239	-.479
0	126	.322	.133	.791	-.191
0	127	.372	.151	.919	-.126
0	128	.147	.173	.654	-.490
0	129	.214	.136	.716	-.189
0	130	.120	.110	.542	-.211
0	131	.078	.119	.614	-.273
0	132	-.101	.109	.398	-.505
0	133	.335	.155	.998	-.145
0	134	.315	.137	.856	-.102
0	135	.147	.163	.773	-.468
0	136	.207	.125	.659	-.203
0	137	.139	.115	.566	-.248
0	138	.033	.094	.370	-.283
0	139	-.092	.103	.261	-.488
0	140	.282	.142	.916	-.155
0	141	.318	.137	.823	-.119
0	142	.097	.141	.563	-.396
0	143	.185	.122	.658	-.167
0	144	.137	.114	.554	-.211
0	145	.056	.103	.446	-.349
0	146	-.163	.087	.195	-.522
0	147	.256	.129	.723	-.199
0	148	.278	.130	.720	-.178
0	149	.121	.158	.699	-.445
0	150	.120	.109	.501	-.224
0	151	.118	.118	.489	-.272
0	152	.056	.111	.405	-.308
0	153	-.109	.104	.258	-.448
0	154	.174	.117	.649	-.204
0	155	.238	.135	.763	-.213
0	156	.090	.140	.656	-.362
0	157	.[illegible]	.[illegible]	.[illegible]	-.[illegible]
0	158	.095	.111	.523	-.289
0	159	.032	.120	.460	-.395
0	160	-.137	.119	.281	-.664
0	161	.231	.152	.779	-.229
0	162	.233	.136	.712	-.186
0	163	.075	.154	.675	-.480
0	164	.144	.127	.637	-.318
0	165	.090	.124	.550	-.337
0	166	-.000	.107	.385	-.374
0	167	-.164	.125	.325	-.635
0	168	.165	.134	.813	-.286
0	169	.196	.130	.681	-.285
0	170	.041	.130	.449	-.558
0	171	.106	.121	.520	-.285
0	172	.086	.115	.543	-.282
0	173	.023	.109	.443	-.342
0	174	-.185	.102	.158	-.565
0	175	.144	.119	.572	-.281
0	176	.175	.124	.606	-.243
0	177	.122	.132	.553	-.362
0	178	.102	.111	.477	-.326
0	179	.094	.122	.503	-.395
0	180	.050	.113	.402	-.435
0	181	-.140	.115	.219	-.563
0	182	.140	.120	.668	-.314
0	183	.183	.136	.784	-.330
0	184	.139	.137	.755	-.382
0	185	.140	.127	.614	-.264
0	186	.060	.111	.502	-.282
0	187	.020	.117	.457	-.321
0	188	-.121	.120	.284	-.596
0	201	-.461	.173	.041	-1.091
0	202	-.409	.145	.034	-1.064
0	203	-.311	.149	.193	-.892
0	204	-.291	.148	.158	-1.077
0	205	-.282	.141	.136	-.991
0	206	-.307	.116	.088	-.776
0	207	-.230	.117	.188	-.699
0	208	-.195	.116	.221	-.652
0	209	-.206	.117	.216	-.618
0	210	-.242	.105	.076	-.630
0	211	-.203	.123	.153	-.604
0	212	-.479	.175	.046	-1.128
0	213	-.267	.156	.375	-1.005
0	214	-.298	.112	.144	-.647
0	215	-.269	.131	.265	-.786
0	216	-.229	.124	.288	-.654
0	217	-.222	.119	.139	-.647
0	218	-.272	.104	.042	-.652
0	219	-.[illegible]	.[illegible]	.[illegible]	-.[illegible]
0	220	-.182	.095	.149	-.476
0	221	-.194	.115	.227	-.549
0	222	-.266	.103	.093	-.578
0	223	-.224	.119	.158	-.682
0	224	-.221	.121	.168	-.679
0	225	-.227	.126	.195	-.716
0	226	-.293	.108	.057	-.717
0	227	-.223	.118	.161	-.655
0	228	-.200	.116	.197	-.630
0	229	-.187	.119	.227	-.572
0	230	-.263	.105	.102	-.614
0	231	-.206	.120	.206	-.597
0	232	-.195	.122	.206	-.640
0	233	-.206	.116	.188	-.747
0	234	-.290	.104	.042	-.788
0	235	-.230	.117	.121	-.692
0	236	-.200	.113	.154	-.611
0	237	-.200	.114	.178	-.563
0	238	-.280	.101	.045	-.601
0	239	-.217	.115	.163	-.595
0	240	-.198	.112	.182	-.577
0	241	-.180	.109	.185	-.570
0	242	-.274	.105	.032	-.797

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	243	-.182	.119	.151	-.789
0	244	-.187	.105	.126	-.609
0	245	-.187	.118	.160	-.722
0	246	-.175	.114	.163	-.667
0	247	-.170	.106	.218	-.535
0	248	-.172	.093	.174	-.492
0	249	-.170	.106	.237	-.542
0	250	-.171	.105	.237	-.528
0	251	-.181	.111	.163	-.658
0	252	-.196	.103	.107	-.541
0	253	-.192	.119	.173	-.664
0	254	-.190	.117	.187	-.680
0	255	-.197	.122	.215	-.621
0	256	-.198	.104	.130	-.561
0	257	-.174	.116	.220	-.590
0	258	-.163	.115	.209	-.594
0	259	-.160	.110	.257	-.545
0	260	-.190	.097	.202	-.488
0	261	-.166	.111	.273	-.541
0	262	-.185	.114	.243	-.607
0	263	-.216	.122	.183	-.672
0	264	-.197	.119	.194	-.667
0	265	-.196	.118	.199	-.603
0	266	-.196	.117	.248	-.673
0	267	-.170	.121	.320	-.618
0	268	-.179	.109	.256	-.593
0	269	-.154	.120	.313	-.625
0	270	-.169	.122	.334	-.712
0	271	-.176	.120	.268	-.621
0	272	-.211	.120	.180	-.701
0	273	-.184	.131	.243	-.646
0	274	-.189	.131	.220	-.704
0	275	-.194	.127	.285	-.804
0	276	-.207	.114	.205	-.645
0	277	-.166	.121	.272	-.548
0	278	-.170	.120	.267	-.558
0	279	-.176	.118	.195	-.598
0	280	-.199	.107	.129	-.588
0	281	-.166	.117	.199	-.581
0	282	-.200	.125	.237	-.654
0	283	-.216	.128	.209	-.817
0	284	-.230	.111	.134	-.818
0	285	-.193	.122	.175	-.834
0	286	-.194	.120	.171	-.668
0	287	-.190	.116	.146	-.666
0	288	-.205	.102	.139	-.550
0	289	-.175	.114	.247	-.577
0	290	-.192	.115	.189	-.644
0	291	-.200	.124	.233	-.655
0	292	-.239	.121	.113	-.709
0	293	-.206	.133	.203	-.762
0	294	-.210	.133	.196	-.716
0	295	-.218	.136	.219	-.783
0	296	-.220	.117	.129	-.652
0	297	-.188	.123	.191	-.614
0	298	-.195	.120	.177	-.650
0	299	-.203	.135	.236	-.617
0	300	-.239	.125	.132	-.650
0	301	-.199	.134	.202	-.633
0	302	-.215	.145	.215	-.909
0	303	-.222	.146	.191	-.799
0	304	-.227	.127	.144	-.736
0	305	-.182	.136	.205	-.981
0	306	-.183	.133	.169	-1.113
0	307	-.179	.118	.247	-.651
0	308	-.204	.106	.198	-.563
0	309	-.184	.119	.230	-.569
0	310	-.211	.120	.221	-.650
0	311	-.213	.132	.225	-.603
0	312	-.241	.128	.207	-.811
0	313	-.199	.137	.276	-.740
0	314	-.185	.132	.330	-.634
0	315	-.197	.125	.181	-.737
0	316	-.209	.112	.157	-.745
0	317	-.165	.122	.233	-.693
0	318	-.170	.122	.196	-.602
0	319	-.183	.132	.258	-.611
0	320	-.222	.127	.160	-.643
0	321	-.189	.141	.230	-.682
0	322	-.227	.151	.243	-.941
0	323	-.207	.131	.217	-.755
0	324	-.194	.111	.161	-.614
0	325	-.151	.121	.257	-.661
0	326	-.149	.119	.220	-.606
0	327	-.152	.125	.250	-.696
0	328	-.193	.115	.199	-.589
0	329	-.161	.130	.335	-.583
0	401	-.161	.125	.281	-.625
0	402	-.186	.134	.260	-.691
0	403	-.202	.122	.199	-.666
0	404	-.172	.129	.231	-.587
0	405	-.183	.125	.211	-.631
0	406	-.189	.126	.248	-.589
0	407	-.208	.113	.161	-.589
0	408	-.177	.124	.240	-.601
0	409	-.175	.124	.262	-.578
0	410	-.173	.125	.294	-.656
0	411	-.191	.113	.229	-.576
0	412	-.168	.121	.332	-.549
0	413	-.175	.122	.264	-.566
0	414	-.173	.107	.223	-.523
0	415	-.256	.104	.118	-.585
0	416	-.164	.109	.225	-.525
0	417	-.184	.108	.223	-.552
0	418	-.184	.108	.229	-.616
0	419	-.260	.101	.173	-.625
0	420	-.162	.107	.321	-.590
0	421	-.176	.111	.256	-.746
0	422	-.162	.117	.176	-.555
0	423	-.252	.112	.049	-.650
0	424	-.147	.115	.191	-.528
0	425	-.156	.115	.202	-.524
0	426	-.163	.101	.172	-.513
0	427	-.264	.095	.045	-.591
0	428	-.170	.102	.162	-.511
0	429	-.173	.100	.142	-.518
0	430	-.161	.107	.176	-.506
0	431	-.253	.103	.062	-.583
0	432	-.172	.110	.173	-.579
0	433	-.186	.112	.134	-.625
0	434	-.174	.112	.179	-.575
0	435	-.261	.107	.073	-.619
0	436	-.163	.111	.195	-.532
0	437	-.199	.116	.174	-.598
0	438	-.192	.125	.182	-.752
0	439	-.271	.115	.093	-.792
0	440	-.170	.118	.242	-.735
0	441	-.181	.119	.226	-.723
0	442	-.212	.117	.183	-.626
0	443	-.307	.114	.063	-.759
0	444	-.195	.116	.184	-.590
0	445	-.204	.118	.186	-.600
0	446	-.188	.114	.213	-.715
0	447	-.303	.112	.076	-.706
0	448	-.216	.123	.194	-.955
0	449	-.218	.120	.199	-.883
0	450	-.202	.113	.149	-.630
0	451	-.994	.108	.048	-.756
0	452	-.155	.109	.198	-.548
0	453	-.184	.116	.145	-.936
0	454	-.187	.117	.186	-.657
0	455	-.301	.116	.057	-.736
0	456	-.210	.116	.170	-.579
0	457	-.237	.114	.100	-.604
0	458	-.156	.107	.197	-.519
0	459	-.259	.103	.113	-.567
0	460	-.168	.108	.215	-.567
0	461	-.193	.109	.207	-.524
0	462	-.187	.097	.118	-.507
0	463	-.312	.091	-.019	-.623

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	501	-.152	.095	.181	-.545
0	502	-.191	.098	.145	-.616
0	503	-.311	.148	.100	-1.024
0	504	-.550	.150	-.170	-1.142
0	505	-.397	.164	.035	-.998
0	506	-.040	.165	.481	-.631
0	507	.217	.162	.820	-.318
0	508	.158	.148	.710	-.359
0	509	-.156	.109	.187	-.514
0	510	-.166	.119	.196	-.640
0	511	-.249	.164	.226	-1.002
0	512	-.609	.166	-.144	-1.251
0	513	-.533	.205	.040	-1.257
0	514	-.092	.214	.643	-.890
0	515	.335	.170	.919	-.142
0	516	.354	.162	.850	-.155
0	517	-.147	.106	.256	-.486
0	518	-.167	.116	.257	-.574
0	519	-.284	.167	.158	-1.073
0	520	-.605	.185	-.096	-1.285
0	521	-.605	.233	.167	-1.619
0	522	-.160	.219	.582	-1.098
0	523	.322	.182	.919	-.267
0	524	.435	.160	1.025	-.081
0	525	-.150	.110	.280	-.655
0	526	-.168	.115	.202	-.657
0	527	-.271	.173	.164	-1.154
0	528	-.659	.209	-.085	-1.661
0	529	-.621	.230	.059	-1.459
0	530	-.199	.247	.477	-1.163
0	531	.257	.159	.770	-.319
0	532	.406	.170	1.104	-.057
0	533	-.167	.119	.255	-.785
0	534	-.177	.132	.222	-.811
0	535	-.322	.176	.132	-1.070
0	536	-.526	.197	.144	-1.256
0	537	-.616	.225	.097	-1.383
0	538	-.210	.228	.563	-1.151
0	539	.211	.152	.761	-.266
0	540	.367	.159	.905	-.125
0	541	-.168	.110	.188	-.545
0	542	-.170	.125	.253	-1.099
0	543	-.293	.159	.101	-1.387
0	544	-.483	.202	.034	-1.432
0	545	-.561	.238	.071	-1.674
0	546	-.197	.222	.457	-1.127
0	547	.185	.150	.664	-.215
0	548	.335	.155	.852	-.113
0	549	-.172	.108	.155	-.527
0	550	-.179	.123	.205	-.774

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	551	-.307	.162	.110	-1.204
0	552	-.489	.213	.059	-1.311
0	553	-.571	.253	.126	-1.533
0	554	-.201	.234	.433	-1.126
0	555	.152	.147	.696	-.367
0	556	.309	.162	.915	-.240
0	557	-.183	.116	.242	-.576
0	558	-.159	.107	.183	-.544
0	559	-.248	.111	.091	-.897
0	560	-.386	.173	.118	-1.229
0	561	-.451	.210	.213	-1.156
0	562	-.171	.197	.480	-.873
0	563	.113	.131	.674	-.352
0	564	.246	.142	.815	-.300
0	565	-.182	.113	.169	-.643
0	566	-.156	.115	.192	-.580
0	567	-.224	.115	.142	-.934
0	568	-.331	.173	.163	-1.255
0	569	-.377	.204	.176	-1.321
0	570	-.083	.182	.665	-.715
0	571	.115	.131	.555	-.342
0	572	.219	.138	.709	-.269
0	573	-.201	.119	.297	-.585
0	574	-.139	.114	.237	-.588
0	575	-.152	.117	.203	-.850
0	576	-.241	.161	.190	-.919
0	577	-.269	.185	.262	-.942
0	578	-.059	.187	.521	-.893
0	579	.113	.130	.580	-.367
0	580	.174	.127	.687	-.186
0	581	.113	.135	.616	-.341
0	582	-.289	.125	.067	-.832
0	583	-.054	.129	.555	-.465
0	584	-.041	.113	.300	-.570
0	585	-.124	.136	.276	-.752
0	586	-.136	.144	.323	-.656
0	587	.070	.164	.460	-1.012
0	588	.101	.112	.495	-.339
0	589	.139	.131	.594	-.284
0	590	.128	.134	.726	-.260
0	591	-.279	.131	.130	-.914
0	592	-.095	.129	.272	-.706
0	593	-.020	.127	.546	-.684
0	594	.134	.118	.548	-.243
0	595	.148	.122	.554	-.257
10	1	-.432	.136	-.014	-.936
10	2	-.289	.130	.144	-.840
10	3	-.394	.140	.082	-1.048
10	4	-.012	.157	.453	-.550
10	5	-.229	.140	.215	-.865

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	6	-.116	.114	.247	-.666
10	7	-.261	.118	.142	-.775
10	8	-.197	.117	.274	-.687
10	9	-.349	.114	.034	-.795
10	10	-.427	.105	-.063	-.759
10	11	-.381	.125	.045	-.853
10	12	-.363	.132	.176	-.818
10	13	-.185	.119	.445	-.613
10	14	-.005	.136	.539	-.480
10	15	-.022	.128	.502	-.491
10	16	-.119	.103	.239	-.538
10	17	-.180	.104	.196	-.628
10	18	-.249	.095	.088	-.677
10	19	-.359	.145	.159	-1.035
10	20	-.330	.144	.125	-1.111
10	101	-.126	.171	.566	-.695
10	102	-.062	.116	.403	-.480
10	103	-.044	.118	.404	-.479
10	104	-.027	.113	.408	-.497
10	105	-.043	.116	.320	-.464
10	106	-.269	.106	.052	-.613
10	107	.045	.169	.623	-.573
10	108	.067	.144	.548	-.410
10	109	.030	.128	.516	-.352
10	110	-.111	.104	.310	-.421
10	111	-.253	.110	.187	-.640
10	112	.168	.180	.936	-.484
10	113	.260	.170	.821	-.270
10	114	-.223	.155	.419	-.879
10	115	.053	.128	.585	-.325
10	116	.038	.118	.516	-.324
10	117	-.023	.114	.321	-.467
10	118	-.216	.096	.088	-.636
10	119	.213	.192	.919	-.412
10	120	.284	.196	.963	-.356
10	121	-.113	.172	.432	-1.115
10	122	.054	.117	.498	-.335
10	123	.062	.119	.499	-.334
10	124	.018	.112	.423	-.374
10	125	-.135	.107	.205	-.578
10	126	.210	.157	.899	-.360
10	127	.292	.175	1.016	-.350
10	128	-.104	.182	.513	-.834
10	129	.110	.121	.631	-.263
10	130	.012	.101	.447	-.322
10	131	-.001	.107	.432	-.370
10	132	-.124	.101	.209	-.464
10	133	.256	.153	.827	-.269
10	134	.250	.145	.848	-.280
10	135	-.097	.166	.518	-.751

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	136	.111	.121	.558	-.366
10	137	.055	.108	.389	-.286
10	138	-.059	.095	.275	-.364
10	139	-.137	.102	.248	-.504
10	140	.199	.141	.659	-.258
10	141	.249	.147	.831	-.233
10	142	-.154	.153	.405	-.770
10	143	.070	.117	.480	-.302
10	144	.052	.108	.436	-.291
10	145	.000	.106	.359	-.397
10	146	-.199	.093	.121	-.545
10	147	.184	.154	.780	-.323
10	148	.241	.156	.813	-.240
10	149	-.087	.177	.608	-.818
10	150	.022	.165	.375	-.382
10	151	.030	.108	.404	-.402
10	152	-.003	.102	.363	-.393
10	153	-.130	.107	.324	-.531
10	154	.111	.138	.584	-.389
10	155	.182	.150	.666	-.322
10	156	-.068	.164	.486	-.761
10	157	.052	.118	.480	-.345
10	158	-.045	.106	.306	-.412
10	159	-.047	.112	.323	-.424
10	160	-.139	.108	.179	-.513
10	161	.104	.131	.534	-.343
10	162	.081	.128	.517	-.392
10	163	-.120	.152	.415	-.713
10	164	.045	.112	.505	-.350
10	165	.021	.107	.395	-.359
10	166	-.094	.100	.270	-.446
10	167	-.159	.112	.286	-.519
10	168	.095	.121	.486	-.342
10	169	.119	.130	.611	-.406
10	170	-.164	.153	.314	-.700
10	171	.011	.115	.427	-.443
10	172	.020	.108	.434	-.400
10	173	-.020	.109	.340	-.374
10	174	-.221	.109	.165	-.574
10	175	.085	.125	.538	-.457
10	176	.128	.126	.581	-.339
10	177	.002	.131	.514	-.443
10	178	.001	.106	.396	-.360
10	179	.018	.111	.410	-.373
10	180	.001	.106	.357	-.376
10	181	-.147	.111	.194	-.632
10	182	.052	.117	.476	-.346
10	183	.123	.126	.551	-.294
10	184	.012	.131	.473	-.455
10	185	.076	.116	.460	-.340
10	186	-.024	.105	.311	-.382
10	187	-.037	.108	.323	-.410
10	188	-.126	.110	.245	-.563
10	201	-.353	.144	.065	-.965
10	202	-.422	.131	-.057	-1.027
10	203	-.309	.136	.159	-.859
10	204	-.248	.128	.166	-.775
10	205	-.221	.120	.168	-.686
10	206	-.299	.111	.059	-.700
10	207	-.220	.118	.155	-.759
10	208	-.174	.113	.187	-.558
10	209	-.191	.128	.204	-.694
10	210	-.288	.095	.025	-.634
10	211	-.225	.107	.148	-.627
10	212	-.361	.132	.031	-.847
10	213	-.279	.135	.210	-.720
10	214	-.299	.112	.115	-.700
10	215	-.253	.126	.207	-.729
10	216	-.202	.119	.220	-.651
10	217	-.216	.117	.148	-.626
10	218	-.303	.109	.030	-.698
10	219	-.236	.117	.128	-.664
10	220	-.187	.108	.157	-.568
10	221	-.183	.109	.197	-.556
10	222	-.282	.102	.071	-.632
10	223	-.210	.114	.174	-.586
10	224	-.179	.113	.198	-.611
10	225	-.205	.120	.127	-.649
10	226	-.305	.112	.091	-.717
10	227	-.236	.120	.171	-.668
10	228	-.192	.117	.172	-.600
10	229	-.190	.114	.193	-.587
10	230	-.290	.107	.061	-.651
10	231	-.222	.115	.169	-.610
10	232	-.180	.113	.230	-.587
10	233	-.189	.115	.213	-.558
10	234	-.300	.109	.071	-.680
10	235	-.231	.117	.153	-.656
10	236	-.187	.114	.212	-.617
10	237	-.189	.112	.221	-.647
10	238	-.295	.106	.045	-.719
10	239	-.220	.113	.144	-.684
10	240	-.181	.109	.180	-.625
10	241	-.196	.112	.171	-.524
10	242	-.302	.110	.061	-.644
10	243	-.182	.106	.202	-.621
10	244	-.260	.099	.073	-.697
10	245	-.187	.105	.170	-.683
10	246	-.177	.103	.172	-.583
10	247	-.175	.111	.203	-.636
10	248	-.248	.104	.076	-.691
10	249	-.173	.111	.195	-.639
10	250	-.179	.110	.162	-.627
10	251	-.182	.109	.173	-.599
10	252	-.250	.108	.119	-.665
10	253	-.168	.113	.212	-.632
10	254	-.173	.113	.196	-.609
10	255	-.183	.119	.228	-.701
10	256	-.252	.111	.117	-.697
10	257	-.160	.115	.235	-.560
10	258	-.159	.115	.233	-.565
10	259	-.162	.112	.269	-.553
10	260	-.253	.106	.168	-.616
10	261	-.167	.113	.283	-.525
10	262	-.166	.114	.253	-.510
10	263	-.221	.119	.199	-.662
10	264	-.184	.117	.233	-.609
10	265	-.186	.100	.174	-.564
10	266	-.174	.112	.177	-.543
10	267	-.179	.116	.251	-.612
10	268	-.198	.105	.206	-.559
10	269	-.174	.115	.264	-.566
10	270	-.188	.116	.249	-.562
10	271	-.186	.116	.234	-.634
10	272	-.205	.107	.150	-.562
10	273	-.176	.116	.204	-.538
10	274	-.185	.116	.200	-.562
10	275	-.192	.120	.196	-.610
10	276	-.206	.109	.137	-.562
10	277	-.167	.119	.245	-.579
10	278	-.170	.118	.224	-.585
10	279	-.192	.132	.209	-.681
10	280	-.223	.123	.139	-.688
10	281	-.189	.133	.237	-.670
10	282	-.194	.134	.238	-.660
10	283	-.189	.120	.183	-.563
10	284	-.216	.109	.142	-.571
10	285	-.185	.119	.206	-.625
10	286	-.185	.119	.194	-.614
10	287	-.185	.117	.165	-.572
10	288	-.206	.106	.127	-.539
10	289	-.178	.117	.231	-.560
10	290	-.192	.119	.232	-.620
10	291	-.191	.121	.230	-.637
10	292	-.214	.119	.199	-.669
10	293	-.181	.129	.315	-.761
10	294	-.186	.130	.285	-.676
10	295	-.200	.133	.251	-.648
10	296	-.219	.120	.205	-.583
10	297	-.186	.131	.246	-.623

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	298	-.192	.131	.212	-.605
10	299	-.205	.124	.267	-.629
10	300	-.243	.113	.205	-.640
10	301	-.205	.123	.265	-.597
10	302	-.183	.131	.276	-.815
10	303	-.202	.136	.255	-.713
10	304	-.231	.124	.186	-.760
10	305	-.200	.134	.231	-.752
10	306	-.199	.134	.244	-.789
10	307	-.190	.131	.274	-.735
10	308	-.222	.120	.212	-.741
10	309	-.202	.129	.242	-.755
10	310	-.217	.127	.183	-.822
10	311	-.225	.122	.133	-.623
10	312	-.227	.113	.194	-.608
10	313	-.194	.123	.265	-.622
10	314	-.191	.123	.269	-.625
10	315	-.192	.122	.196	-.673
10	316	-.207	.112	.123	-.625
10	317	-.162	.123	.196	-.690
10	318	-.170	.126	.243	-.769
10	319	-.180	.129	.273	-.734
10	320	-.225	.118	.163	-.654
10	321	-.194	.130	.250	-.764
10	322	-.194	.139	.194	-.766
10	323	-.203	.137	.251	-.775
10	324	-.213	.121	.180	-.698
10	325	-.173	.131	.269	-.648
10	326	-.159	.130	.250	-.579
10	327	-.175	.133	.234	-.682
10	328	-.227	.122	.157	-.783
10	329	-.195	.135	.284	-.727
10	401	-.172	.130	.217	-.657
10	402	-.204	.137	.261	-.710
10	403	-.225	.125	.173	-.674
10	404	-.200	.131	.223	-.720
10	405	-.210	.129	.229	-.749
10	406	-.193	.124	.196	-.575
10	407	-.218	.113	.146	-.556
10	408	-.189	.122	.192	-.553
10	409	-.181	.122	.177	-.584
10	410	-.186	.136	.274	-.640
10	411	-.208	.125	.215	-.599
10	412	-.188	.134	.300	-.622
10	413	-.186	.134	.293	-.628
10	414	-.174	.111	.163	-.554
10	415	-.186	.100	.131	-.536
10	416	-.172	.112	.182	-.547
10	417	-.187	.109	.187	-.586
10	418	-.180	.115	.279	-.653

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	419	-.192	.103	.218	-.623
10	420	-.170	.115	.256	-.652
10	421	-.165	.115	.272	-.646
10	422	-.181	.104	.152	-.742
10	423	-.204	.093	.090	-.664
10	424	-.171	.104	.140	-.658
10	425	-.167	.104	.150	-.646
10	426	-.156	.104	.182	-.519
10	427	-.200	.094	.091	-.534
10	428	-.172	.106	.153	-.534
10	429	-.162	.103	.141	-.498
10	430	-.157	.112	.206	-.566
10	431	-.197	.101	.112	-.561
10	432	-.181	.113	.179	-.580
10	433	-.180	.113	.193	-.602
10	434	-.157	.115	.270	-.681
10	435	-.189	.103	.200	-.642
10	436	-.155	.114	.296	-.656
10	437	-.183	.119	.244	-.691
10	438	-.180	.110	.182	-.568
10	439	-.211	.096	.100	-.531
10	440	-.168	.109	.200	-.534
10	441	-.169	.109	.195	-.541
10	442	-.204	.108	.145	-.677
10	443	-.244	.096	.048	-.695
10	444	-.192	.107	.169	-.716
10	445	-.193	.107	.168	-.694
10	446	-.178	.107	.169	-.563
10	447	-.251	.100	.056	-.666
10	448	-.207	.115	.146	-.788
10	449	-.202	.110	.152	-.631
10	450	-.205	.119	.144	-.607
10	451	-.256	.108	.067	-.598
10	452	-.190	.122	.266	-.632
10	453	-.199	.122	.231	-.771
10	454	-.213	.123	.238	-.631
10	455	-.276	.112	.134	-.838
10	456	-.233	.123	.233	-.605
10	457	-.251	.122	.205	-.676
10	458	-.194	.121	.189	-.739
10	459	-.255	.109	.094	-.768
10	460	-.196	.121	.196	-.745
10	461	-.204	.123	.186	-.728
10	462	-.196	.116	.175	-.606
10	463	-.288	.103	.035	-.666
10	501	-.170	.114	.203	-.626
10	502	-.161	.115	.214	-.605
10	503	-.189	.124	.228	-.709
10	504	-.358	.129	.023	-.886
10	505	-.188	.162	.335	-.847

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	506	.149	.152	.676	-.399
10	507	.250	.170	.841	-.240
10	508	.078	.143	.575	-.347
10	509	-.143	.115	.207	-.517
10	510	-.099	.117	.261	-.468
10	511	-.089	.118	.300	-.643
10	512	-.319	.144	.143	-1.007
10	513	-.197	.202	.471	-1.042
10	514	.204	.177	.946	-.473
10	515	.451	.173	1.259	-.090
10	516	.275	.154	.852	-.236
10	517	-.149	.108	.177	-.503
10	518	-.103	.112	.259	-.470
10	519	-.110	.119	.280	-.532
10	520	-.374	.179	.089	-1.070
10	521	-.249	.246	.394	-1.224
10	522	.164	.197	.809	-.711
10	523	.416	.175	1.007	-.113
10	524	.345	.163	1.105	-.113
10	525	-.145	.112	.245	-.572
10	526	-.106	.112	.299	-.538
10	527	-.100	.132	.289	-.638
10	528	-.335	.182	.107	-1.110
10	529	-.262	.233	.351	-1.136
10	530	.151	.205	.727	-.615
10	531	.332	.151	.891	-.144
10	532	.336	.157	1.032	-.098
10	533	-.144	.107	.228	-.490
10	534	-.105	.110	.315	-.538
10	535	-.197	.122	.152	-.898
10	536	-.268	.181	.187	-1.016
10	537	-.282	.229	.324	-1.145
10	538	.118	.196	.949	-.547
10	539	.297	.164	.937	-.191
10	540	.317	.168	1.045	-.209
10	541	-.151	.112	.231	-.509
10	542	-.122	.111	.224	-.601
10	543	-.207	.120	.155	-.684
10	544	-.269	.178	.221	-.989
10	545	-.263	.235	.342	-1.138
10	546	.116	.187	.774	-.590
10	547	.270	.146	.808	-.174
10	548	.293	.153	.847	-.132
10	549	-.150	.110	.266	-.578
10	550	-.122	.110	.307	-.506
10	551	-.212	.117	.183	-.755
10	552	-.255	.176	.313	-.964
10	553	-.257	.225	.527	-1.123
10	554	.097	.189	.742	-.676
10	555	.235	.154	.768	-.321

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	556	-.263	.153	.809	-.241
10	557	-.166	.111	.201	-.501
10	558	-.132	.112	.225	-.532
10	559	-.220	.115	.142	-.727
10	560	-.248	.169	.218	-.980
10	561	-.254	.219	.386	-1.120
10	562	-.053	.182	.646	-.721
10	563	.183	.137	.627	-.397
10	564	.230	.138	.745	-.282
10	565	-.179	.111	.295	-.583
10	566	-.129	.105	.229	-.529
10	567	-.204	.103	.131	-.640
10	568	-.211	.137	.160	-.693
10	569	-.196	.176	.307	-.842
10	570	.080	.178	.781	-.572
10	571	.155	.143	.883	-.250
10	572	.200	.140	.764	-.186
10	573	-.176	.108	.159	-.589
10	574	-.121	.115	.378	-.580
10	575	-.160	.114	.340	-.550
10	576	-.145	.147	.444	-.789
10	577	-.131	.182	.478	-.897
10	578	.077	.159	.652	-.560
10	579	.115	.122	.482	-.280
10	580	.167	.141	.713	-.271
10	581	.115	.132	.673	-.274
10	582	-.280	.136	.144	-.864
10	583	-.074	.121	.508	-.340
10	584	-.006	.101	.332	-.387
10	585	-.061	.123	.364	-.458
10	586	-.045	.137	.452	-.515
10	587	.053	.143	.562	-.511
10	588	.132	.105	.541	-.300
10	589	.127	.123	.653	-.362
10	590	.121	.101	.649	-.335
10	591	-.268	.129	.253	-.767
10	592	-.024	.133	.403	-.571
10	593	.077	.128	.463	-.423
10	594	.152	.122	.577	-.298
10	595	.146	.122	.592	-.292
20	1	-.403	.130	.069	-.851
20	2	-.198	.123	.216	-.814
20	3	-.354	.146	.174	-.813
20	4	-.168	.167	.497	-.685
20	5	-.098	.131	.389	-.672
20	6	-.076	.107	.323	-.411
20	7	-.235	.122	.218	-.639
20	8	-.091	.135	.424	-.573
20	9	-.342	.127	.084	-.813
20	10	-.423	.118	-.038	-.840

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	11	-.369	.133	.099	-.973
20	12	-.300	.137	.130	-.829
20	13	-.221	.117	.194	-.633
20	14	-.130	.155	.391	-.639
20	15	-.175	.127	.311	-.650
20	16	-.151	.104	.194	-.486
20	17	-.172	.115	.234	-.630
20	18	-.239	.105	.129	-.660
20	19	-.331	.147	.173	-1.117
20	20	-.280	.152	.171	-1.101
20	101	-.314	.148	.230	-.833
20	102	-.210	.157	.203	-.837
20	103	-.123	.121	.278	-.519
20	104	-.068	.114	.279	-.446
20	105	-.072	.107	.332	-.419
20	106	-.262	.107	.054	-.634
20	107	-.174	.168	.388	-.776
20	108	-.048	.126	.388	-.510
20	109	-.039	.115	.343	-.431
20	110	-.149	.100	.210	-.451
20	111	-.269	.114	.131	-.692
20	112	-.087	.175	.492	-.718
20	113	.111	.183	.819	-.563
20	114	-.423	.158	.098	-1.008
20	115	-.065	.123	.357	-.486
20	116	-.033	.112	.376	-.412
20	117	-.071	.108	.313	-.419
20	118	-.210	.102	.122	-.519
20	119	-.012	.171	.569	-.609
20	120	-.079	.176	.720	-.494
20	121	-.371	.187	.194	-1.090
20	122	-.077	.106	.291	-.435
20	123	-.052	.111	.362	-.407
20	124	-.049	.106	.309	-.404
20	125	-.146	.108	.237	-.557
20	126	-.020	.168	.534	-.542
20	127	-.057	.194	.757	-.586
20	128	-.332	.173	.240	-1.135
20	129	-.025	.119	.352	-.455
20	130	.087	.101	.242	-.454
20	131	-.092	.110	.305	-.519
20	132	-.145	.107	.234	-.547
20	133	.043	.174	.816	-.819
20	134	.027	.171	.739	-.775
20	135	-.353	.173	.249	-1.107
20	136	-.013	.116	.425	-.457
20	137	-.027	.121	.331	-.427
20	138	.117	.108	.203	-.476
20	139	-.164	.120	.191	-.587
20	140	-.030	.106	.529	-.524

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	141	.058	.164	.649	-.498
20	142	-.345	.159	.182	-.970
20	143	-.058	.123	.418	-.494
20	144	-.027	.114	.380	-.423
20	145	-.066	.114	.310	-.429
20	146	-.212	.107	.122	-.569
20	147	-.028	.176	.481	-.685
20	148	.056	.180	.663	-.576
20	149	-.262	.161	.201	-.897
20	150	-.076	.106	.268	-.433
20	151	-.059	.112	.336	-.410
20	152	-.053	.107	.334	-.388
20	153	-.139	.109	.230	-.502
20	154	-.022	.141	.432	-.490
20	155	.042	.162	.739	-.517
20	156	-.210	.155	.352	-.828
20	157	-.010	.118	.408	-.422
20	158	-.119	.109	.317	-.507
20	159	-.083	.113	.367	-.475
20	160	-.132	.110	.360	-.539
20	161	.009	.147	.499	-.605
20	162	-.046	.149	.426	-.662
20	163	-.221	.162	.266	-.876
20	164	-.011	.117	.413	-.419
20	165	-.026	.113	.306	-.432
20	166	-.161	.107	.152	-.553
20	167	-.175	.116	.135	-.627
20	168	.011	.139	.492	-.530
20	169	.045	.155	.554	-.540
20	170	-.274	.145	.234	-.801
20	171	-.042	.126	.388	-.423
20	172	-.013	.117	.374	-.375
20	173	-.051	.113	.281	-.434
20	174	-.255	.112	.094	-.631
20	175	-.014	.150	.460	-.516
20	176	-.044	.144	.485	-.425
20	177	-.086	.135	.412	-.521
20	178	-.108	.116	.358	-.507
20	179	-.041	.119	.418	-.447
20	180	-.034	.112	.328	-.444
20	181	-.140	.114	.216	-.574
20	182	-.100	.128	.396	-.575
20	183	.013	.127	.559	-.396
20	184	-.077	.134	.334	-.562
20	185	.008	.126	.438	-.372
20	186	-.114	.118	.277	-.488
20	187	-.078	.120	.319	-.470
20	188	-.127	.121	.277	-.539
20	201	-.307	.135	.129	-.829
20	202	-.414	.127	-.002	-.834

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	203	-.271	.128	.153	-.778
20	204	-.196	.121	.195	-.690
20	205	-.172	.114	.203	-.550
20	206	-.291	.109	.067	-.657
20	207	-.195	.113	.194	-.612
20	208	-.149	.110	.236	-.551
20	209	-.174	.109	.217	-.585
20	210	-.302	.110	.080	-.682
20	211	-.212	.122	.204	-.681
20	212	-.289	.135	.207	-.879
20	213	-.253	.128	.180	-.764
20	214	-.316	.107	.024	-.745
20	215	-.241	.117	.156	-.731
20	216	-.186	.110	.187	-.631
20	217	-.191	.108	.203	-.578
20	218	-.315	.103	.069	-.697
20	219	-.219	.109	.187	-.610
20	220	-.184	.092	.139	-.509
20	221	-.187	.105	.157	-.535
20	222	-.327	.102	.018	-.661
20	223	-.211	.109	.147	-.589
20	224	-.169	.106	.185	-.533
20	225	-.169	.120	.250	-.531
20	226	-.306	.116	.069	-.669
20	227	-.210	.122	.204	-.597
20	228	-.160	.118	.228	-.519
20	229	-.181	.114	.194	-.579
20	230	-.321	.109	.047	-.685
20	231	-.220	.115	.156	-.595
20	232	-.159	.112	.188	-.531
20	233	-.184	.116	.190	-.602
20	234	-.330	.114	.029	-.766
20	235	-.230	.120	.152	-.716
20	236	-.180	.117	.196	-.575
20	237	-.178	.112	.187	-.581
20	238	-.321	.109	.037	-.720
20	239	-.218	.115	.162	-.644
20	240	-.172	.110	.202	-.575
20	241	-.188	.106	.171	-.547
20	242	-.317	.104	.049	-.679
20	243	-.168	.114	.210	-.569
20	244	-.276	.110	.085	-.657
20	245	-.175	.114	.182	-.565
20	246	-.160	.113	.247	-.559
20	247	-.174	.117	.229	-.550
20	248	-.276	.113	.119	-.641
20	249	-.178	.116	.206	-.568
20	250	-.178	.114	.224	-.553
20	251	-.179	.107	.156	-.576
20	252	-.260	.108	.072	-.647
20	253	-.161	.111	.203	-.549
20	254	-.157	.109	.192	-.536
20	255	-.172	.118	.272	-.575
20	256	-.266	.114	.169	-.626
20	257	-.166	.117	.310	-.547
20	258	-.154	.115	.286	-.550
20	259	-.169	.111	.211	-.545
20	260	-.282	.108	.055	-.633
20	261	-.179	.112	.222	-.569
20	262	-.152	.113	.230	-.548
20	263	-.209	.110	.168	-.620
20	264	-.164	.105	.181	-.549
20	265	-.166	.115	.259	-.565
20	266	-.148	.112	.244	-.520
20	267	-.163	.122	.260	-.665
20	268	-.186	.109	.204	-.570
20	269	-.166	.118	.270	-.573
20	270	-.175	.119	.234	-.548
20	271	-.177	.115	.190	-.591
20	272	-.185	.103	.147	-.542
20	273	-.161	.112	.213	-.531
20	274	-.162	.112	.208	-.535
20	275	-.165	.130	.260	-.583
20	276	-.184	.121	.228	-.591
20	277	-.155	.130	.287	-.586
20	278	-.151	.129	.266	-.570
20	279	-.169	.114	.219	-.528
20	280	-.200	.104	.131	-.526
20	281	-.173	.114	.180	-.526
20	282	-.164	.116	.219	-.559
20	283	-.170	.117	.319	-.595
20	284	-.198	.108	.244	-.623
20	285	-.177	.118	.301	-.692
20	286	-.169	.118	.281	-.640
20	287	-.182	.116	.220	-.575
20	288	-.205	.105	.166	-.568
20	289	-.186	.115	.206	-.606
20	290	-.190	.115	.191	-.603
20	291	-.185	.118	.225	-.712
20	292	-.197	.107	.117	-.588
20	293	-.172	.116	.169	-.633
20	294	-.172	.117	.174	-.630
20	295	-.195	.133	.195	-.746
20	296	-.218	.120	.142	-.721
20	297	-.194	.129	.276	-.750
20	298	-.188	.126	.262	-.685
20	299	-.192	.128	.256	-.628
20	300	-.227	.119	.184	-.621
20	301	-.199	.129	.240	-.625
20	302	-.166	.129	.303	-.575
20	303	-.175	.125	.302	-.648
20	304	-.205	.114	.219	-.700
20	305	-.187	.126	.300	-.717
20	306	-.176	.126	.302	-.797
20	307	-.193	.120	.197	-.752
20	308	-.224	.108	.110	-.696
20	309	-.211	.117	.160	-.646
20	310	-.211	.117	.157	-.671
20	311	-.210	.127	.180	-.689
20	312	-.208	.129	.222	-.876
20	313	-.186	.139	.288	-.886
20	314	-.179	.136	.299	-.852
20	315	-.189	.131	.235	-.693
20	316	-.205	.125	.216	-.796
20	317	-.170	.131	.263	-.722
20	318	-.174	.131	.308	-.633
20	319	-.181	.121	.189	-.573
20	320	-.223	.114	.184	-.652
20	321	-.202	.124	.248	-.682
20	322	-.171	.125	.217	-.792
20	323	-.177	.141	.196	-.912
20	324	-.196	.126	.159	-.793
20	325	-.167	.136	.298	-.750
20	326	-.146	.130	.235	-.792
20	327	-.162	.127	.279	-.636
20	328	-.216	.114	.198	-.566
20	329	-.197	.125	.240	-.669
20	401	-.171	.122	.243	-.688
20	402	-.201	.134	.300	-.656
20	403	-.224	.121	.180	-.642
20	404	-.221	.130	.270	-.725
20	405	-.215	.129	.272	-.630
20	406	-.195	.120	.205	-.633
20	407	-.221	.111	.159	-.636
20	408	-.208	.121	.196	-.673
20	409	-.189	.119	.195	-.602
20	410	-.177	.121	.287	-.602
20	411	-.203	.111	.226	-.585
20	412	-.185	.118	.241	-.626
20	413	-.175	.119	.250	-.600
20	414	-.197	.116	.194	-.626
20	415	-.185	.102	.156	-.556
20	416	-.192	.116	.206	-.615
20	417	-.202	.116	.202	-.622
20	418	-.201	.123	.163	-.650
20	419	-.184	.107	.129	-.586
20	420	-.188	.121	.166	-.638
20	421	-.181	.121	.179	-.636
20	422	-.199	.109	.155	-.547
20	423	-.189	.098	.132	-.601

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	424	-.186	.109	.182	-.551
20	425	-.182	.108	.187	-.545
20	426	-.173	.112	.212	-.546
20	427	-.173	.099	.173	-.486
20	428	-.180	.114	.198	-.615
20	429	-.169	.112	.197	-.656
20	430	-.168	.112	.213	-.563
20	431	-.167	.100	.165	-.529
20	432	-.186	.114	.172	-.615
20	433	-.193	.115	.187	-.868
20	434	-.179	.115	.206	-.534
20	435	-.166	.101	.180	-.463
20	436	-.176	.113	.204	-.517
20	437	-.199	.118	.211	-.598
20	438	-.195	.127	.248	-.741
20	439	-.178	.109	.207	-.571
20	440	-.182	.125	.277	-.634
20	441	-.178	.124	.277	-.631
20	442	-.208	.119	.179	-.601
20	443	-.196	.103	.152	-.541
20	444	-.196	.117	.210	-.575
20	445	-.192	.117	.199	-.568
20	446	-.193	.117	.178	-.606
20	447	-.214	.106	.131	-.710
20	448	-.219	.121	.169	-.746
20	449	-.210	.120	.171	-.713
20	450	-.208	.119	.190	-.635
20	451	-.201	.106	.152	-.578
20	452	-.203	.120	.169	-.640
20	453	-.209	.119	.156	-.671
20	454	-.200	.114	.218	-.576
20	455	-.196	.101	.177	-.516
20	456	-.216	.115	.192	-.597
20	457	-.227	.117	.196	-.653
20	458	-.203	.111	.150	-.642
20	459	-.198	.102	.152	-.668
20	460	-.204	.114	.153	-.647
20	461	-.205	.114	.173	-.659
20	462	-.202	.118	.169	-.625
20	463	-.218	.102	.128	-.572
20	501	-.165	.114	.256	-.578
20	502	-.117	.114	.306	-.483
20	503	-.114	.116	.254	-.453
20	504	-.163	.118	.210	-.557
20	505	.007	.161	.501	-.536
20	506	.270	.162	.922	-.199
20	507	.212	.158	.880	-.267
20	508	.017	.122	.487	-.357
20	509	-.137	.102	.201	-.472
20	510	-.032	.111	.391	-.372
20	511	.006	.118	.404	-.377
20	512	-.056	.143	.349	-.650
20	513	.086	.196	.669	-.715
20	514	.402	.184	1.032	-.116
20	515	.429	.160	.998	-.066
20	516	.178	.139	.723	-.285
20	517	-.132	.097	.212	-.489
20	518	-.034	.106	.276	-.427
20	519	.025	.132	.454	-.401
20	520	-.111	.167	.381	-.823
20	521	.048	.230	.830	-.759
20	522	.387	.201	1.080	-.229
20	523	.405	.172	.959	-.215
20	524	.173	.166	.777	-.320
20	525	-.134	.112	.312	-.489
20	526	-.037	.115	.415	-.409
20	527	.012	.147	.545	-.525
20	528	-.050	.166	.499	-.634
20	529	.104	.198	.805	-.528
20	530	.345	.172	.941	-.255
20	531	.321	.172	1.248	-.154
20	532	.195	.171	.910	-.371
20	533	-.117	.115	.215	-.612
20	534	-.034	.120	.439	-.414
20	535	-.073	.128	.447	-.545
20	536	-.030	.164	.616	-.864
20	537	.069	.205	.893	-.774
20	538	.327	.175	.966	-.151
20	539	.308	.167	.968	-.174
20	540	.187	.155	.828	-.322
20	541	-.131	.117	.268	-.574
20	542	-.048	.116	.362	-.404
20	543	-.088	.124	.387	-.473
20	544	-.049	.157	.513	-.612
20	545	.053	.202	.847	-.683
20	546	.295	.193	.928	-.364
20	547	.266	.177	.908	-.210
20	548	.162	.159	.853	-.439
20	549	-.135	.114	.281	-.629
20	550	-.070	.108	.259	-.440
20	551	-.123	.113	.226	-.525
20	552	-.084	.137	.301	-.513
20	553	-.002	.172	.509	-.594
20	554	.242	.166	.984	-.233
20	555	.211	.145	.766	-.291
20	556	.133	.145	.679	-.386
20	557	-.139	.107	.215	-.533
20	558	-.083	.111	.306	-.513
20	559	-.136	.117	.285	-.597
20	560	-.094	.145	.402	-.678
20	561	-.015	.186	.648	-.774
20	562	.210	.157	.832	-.271
20	563	.168	.138	.641	-.316
20	564	.105	.135	.659	-.351
20	565	-.155	.108	.248	-.516
20	566	-.092	.111	.267	-.467
20	567	-.146	.115	.236	-.589
20	568	-.090	.140	.414	-.653
20	569	-.004	.171	.539	-.668
20	570	.179	.136	.753	-.250
20	571	.132	.123	.596	-.231
20	572	.101	.126	.574	-.300
20	573	-.150	.119	.245	-.498
20	574	-.083	.111	.286	-.415
20	575	-.116	.114	.254	-.462
20	576	-.043	.137	.387	-.533
20	577	.025	.160	.503	-.592
20	578	.178	.140	.759	-.296
20	579	.101	.123	.664	-.294
20	580	.075	.125	.481	-.310
20	581	.101	.115	.538	-.286
20	582	-.240	.113	.172	-.661
20	583	.119	.135	.633	-.302
20	584	.033	.110	.450	-.296
20	585	.014	.131	.560	-.368
20	586	.058	.141	.623	-.354
20	587	.129	.126	.550	-.439
20	588	.124	.109	.469	-.316
20	589	.071	.135	.597	-.425
20	590	.126	.124	.539	-.269
20	591	-.252	.120	.154	-.662
20	592	.028	.118	.445	-.369
20	593	.116	.105	.494	-.203
20	594	.126	.115	.541	-.238
20	595	.079	.118	.430	-.283
30	1	-.416	.126	.084	-.923
30	2	-.221	.124	.244	-.646
30	3	-.257	.139	.247	-.781
30	4	-.273	.135	.330	-.741
30	5	-.063	.112	.302	-.440
30	6	-.093	.115	.291	-.529
30	7	-.179	.122	.189	-.612
30	8	-.020	.121	.364	-.399
30	9	-.382	.122	-.025	-.837
30	10	-.466	.113	-.127	-.878
30	11	-.429	.129	-.009	-.929
30	12	-.336	.128	.232	-.816
30	13	-.274	.124	.282	-.656
30	14	-.304	.137	.276	-.727
30	15	-.318	.148	.172	-.906

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	16	-.158	.112	.265	-.517
30	17	-.187	.107	.194	-.541
30	18	-.256	.096	.083	-.542
30	19	-.363	.145	.088	-.937
30	20	-.273	.143	.184	-.934
30	101	-.425	.142	-.010	-1.001
30	102	-.459	.154	-.009	-.978
30	103	-.221	.132	.216	-.757
30	104	-.100	.110	.321	-.451
30	105	-.102	.103	.255	-.435
30	106	-.301	.106	.083	-.647
30	107	-.463	.177	.078	-1.140
30	108	-.199	.139	.184	-.710
30	109	-.110	.111	.216	-.569
30	110	-.197	.097	.085	-.519
30	111	-.301	.125	.098	-.706
30	112	-.344	.162	.242	-1.048
30	113	-.156	.193	.750	-.816
30	114	-.621	.155	-.166	-1.208
30	115	-.205	.119	.188	-.722
30	116	-.109	.103	.251	-.481
30	117	-.123	.107	.249	-.480
30	118	-.233	.102	.067	-.549
30	119	-.322	.188	.375	-.984
30	120	-.211	.187	.473	-.946
30	121	-.564	.202	-.013	-1.343
30	122	-.219	.109	.125	-.667
30	123	-.160	.115	.229	-.592
30	124	-.108	.110	.276	-.543
30	125	-.160	.104	.188	-.523
30	126	-.345	.169	.158	-.946
30	127	-.272	.191	.482	-.951
30	128	-.531	.179	-.006	-1.120
30	129	-.146	.105	.216	-.602
30	130	-.184	.091	.114	-.539
30	131	-.166	.102	.152	-.548
30	132	-.147	.100	.144	-.504
30	133	-.234	.199	.340	-.986
30	134	-.277	.190	.349	-1.007
30	135	-.533	.200	.019	-1.233
30	136	-.133	.118	.212	-.541
30	137	-.114	.103	.250	-.531
30	138	-.186	.094	.148	-.576
30	139	-.196	.109	.185	-.595
30	140	-.225	.167	.283	-.930
30	141	-.169	.183	.652	-.752
30	142	-.529	.173	.009	-1.239
30	143	-.183	.121	.248	-.616
30	144	-.096	.116	.238	-.479
30	145	-.116	.111	.204	-.560
30	146	-.223	.104	.077	-.682
30	147	-.280	.184	.454	-.943
30	148	-.161	.179	.559	-.844
30	149	-.420	.193	.231	-1.105
30	150	-.199	.117	.237	-.656
30	151	-.157	.124	.296	-.677
30	152	-.103	.116	.318	-.594
30	153	-.139	.105	.222	-.505
30	154	-.253	.154	.224	-1.028
30	155	-.195	.171	.369	-1.018
30	156	-.307	.148	.097	-.951
30	157	-.097	.119	.324	-.556
30	158	-.077	.100	.233	-.409
30	159	-.108	.113	.262	-.471
30	160	-.145	.114	.256	-.499
30	161	-.136	.146	.342	-.654
30	162	-.088	.136	.335	-.522
30	163	-.294	.142	.129	-.865
30	164	-.089	.107	.232	-.534
30	165	-.085	.115	.314	-.529
30	166	-.091	.102	.265	-.514
30	167	-.165	.122	.254	-.644
30	168	-.148	.143	.296	-.771
30	169	-.089	.148	.421	-.710
30	170	-.231	.132	.150	-.782
30	171	-.092	.114	.334	-.544
30	172	-.069	.111	.328	-.462
30	173	-.080	.102	.280	-.431
30	174	-.135	.098	.186	-.518
30	175	-.109	.131	.441	-.722
30	176	-.071	.132	.544	-.627
30	177	-.159	.114	.213	-.661
30	178	-.068	.092	.226	-.429
30	179	-.074	.104	.251	-.464
30	180	-.075	.103	.277	-.452
30	181	-.127	.117	.268	-.633
30	182	-.082	.126	.310	-.595
30	183	-.052	.137	.429	-.641
30	184	-.126	.124	.349	-.627
30	185	-.062	.104	.282	-.420
30	186	-.058	.090	.232	-.359
30	187	-.087	.102	.247	-.410
30	188	-.131	.111	.249	-.511
30	201	-.315	.145	.144	-1.008
30	202	-.296	.127	.090	-.894
30	203	-.231	.128	.153	-.731
30	204	-.198	.124	.213	-.693
30	205	-.174	.116	.241	-.599
30	206	-.176	.100	.170	-.501
30	207	-.173	.111	.204	-.551
30	208	-.164	.111	.210	-.524
30	209	-.176	.125	.269	-.653
30	210	-.190	.099	.102	-.519
30	211	-.190	.116	.163	-.645
30	212	-.334	.139	.061	-.781
30	213	-.198	.142	.276	-.672
30	214	-.192	.111	.123	-.541
30	215	-.208	.130	.180	-.638
30	216	-.191	.124	.178	-.599
30	217	-.186	.111	.238	-.570
30	218	-.189	.096	.163	-.524
30	219	-.179	.109	.234	-.557
30	220	-.193	.107	.173	-.595
30	221	-.169	.112	.172	-.627
30	222	-.196	.099	.129	-.618
30	223	-.160	.115	.191	-.675
30	224	-.153	.116	.188	-.656
30	225	-.155	.117	.237	-.529
30	226	-.183	.102	.150	-.515
30	227	-.172	.116	.227	-.534
30	228	-.161	.115	.240	-.533
30	229	-.152	.118	.209	-.553
30	230	-.182	.104	.142	-.552
30	231	-.164	.117	.204	-.524
30	232	-.134	.115	.238	-.499
30	233	-.158	.116	.240	-.633
30	234	-.193	.103	.159	-.634
30	235	-.174	.118	.230	-.686
30	236	-.164	.117	.230	-.612
30	237	-.162	.127	.234	-.594
30	238	-.198	.114	.142	-.582
30	239	-.173	.128	.214	-.605
30	240	-.166	.127	.210	-.578
30	241	-.179	.108	.171	-.573
30	242	-.191	.096	.122	-.607
30	243	-.164	.109	.257	-.551
30	244	-.155	.096	.226	-.525
30	245	-.181	.110	.246	-.580
30	246	-.165	.109	.210	-.547
30	247	-.164	.108	.168	-.536
30	248	-.153	.095	.136	-.467
30	249	-.184	.109	.154	-.543
30	250	-.181	.109	.165	-.577
30	251	-.178	.113	.175	-.539
30	252	-.131	.098	.163	-.427
30	253	-.162	.112	.179	-.491
30	254	-.153	.111	.178	-.481
30	255	-.154	.117	.254	-.580
30	256	-.132	.103	.217	-.502
30	257	-.165	.118	.232	-.613

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	258	-.155	.116	.219	-.584
30	259	-.168	.122	.207	-.675
30	260	-.161	.109	.175	-.656
30	261	-.190	.124	.198	-.786
30	262	-.154	.122	.359	-.604
30	263	-.153	.107	.208	-.564
30	264	-.149	.106	.187	-.564
30	265	-.152	.109	.205	-.503
30	266	-.142	.109	.240	-.536
30	267	-.155	.117	.243	-.560
30	268	-.184	.109	.200	-.560
30	269	-.174	.120	.250	-.593
30	270	-.167	.120	.256	-.582
30	271	-.172	.123	.244	-.702
30	272	-.181	.109	.176	-.605
30	273	-.164	.119	.240	-.636
30	274	-.154	.118	.228	-.712
30	275	-.158	.116	.231	-.547
30	276	-.180	.107	.156	-.548
30	277	-.163	.116	.212	-.590
30	278	-.149	.113	.217	-.598
30	279	-.162	.121	.240	-.739
30	280	-.200	.112	.168	-.659
30	281	-.180	.123	.235	-.667
30	282	-.151	.124	.315	-.653
30	283	-.162	.114	.244	-.603
30	284	-.197	.105	.174	-.579
30	285	-.182	.117	.237	-.633
30	286	-.163	.116	.220	-.623
30	287	-.168	.119	.229	-.580
30	288	-.197	.108	.167	-.575
30	289	-.184	.118	.205	-.579
30	290	-.176	.118	.204	-.613
30	291	-.176	.114	.213	-.580
30	292	-.197	.104	.140	-.620
30	293	-.180	.115	.211	-.652
30	294	-.168	.114	.235	-.674
30	295	-.180	.124	.221	-.789
30	296	-.206	.115	.128	-.635
30	297	-.186	.123	.196	-.626
30	298	-.165	.117	.211	-.586
30	299	-.187	.116	.187	-.564
30	300	-.226	.108	.108	-.659
30	301	-.206	.119	.205	-.687
30	302	-.169	.127	.250	-.628
30	303	-.184	.132	.243	-1.052
30	304	-.221	.122	.180	-.828
30	305	-.219	.137	.238	-1.068
30	306	-.188	.132	.235	-1.265
30	307	-.182	.121	.217	-.722
30	308	-.213	.106	.186	-.579
30	309	-.201	.117	.251	-.616
30	310	-.185	.117	.273	-.637
30	311	-.206	.115	.180	-.564
30	312	-.210	.130	.167	-.813
30	313	-.198	.140	.225	-.831
30	314	-.179	.137	.247	-.778
30	315	-.176	.132	.353	-.725
30	316	-.189	.123	.256	-.675
30	317	-.169	.127	.361	-.945
30	318	-.162	.125	.358	-.785
30	319	-.183	.135	.258	-.795
30	320	-.221	.127	.188	-.753
30	321	-.212	.137	.276	-.690
30	322	-.175	.157	.278	-.892
30	323	-.168	.139	.287	-.786
30	324	-.192	.123	.236	-.665
30	325	-.164	.138	.269	-.752
30	326	-.137	.135	.300	-.866
30	327	-.176	.126	.278	-.608
30	328	-.217	.118	.186	-.645
30	329	-.211	.127	.237	-.641
30	401	-.178	.129	.273	-.657
30	402	-.204	.143	.203	-.828
30	403	-.244	.129	.146	-.741
30	404	-.257	.141	.147	-.860
30	405	-.231	.134	.153	-.708
30	406	-.209	.122	.180	-.574
30	407	-.235	.114	.125	-.590
30	408	-.242	.134	.157	-.983
30	409	-.207	.128	.207	-.788
30	410	-.209	.125	.184	-.722
30	411	-.237	.114	.122	-.687
30	412	-.218	.123	.169	-.765
30	413	-.201	.131	.248	-1.058
30	414	-.190	.113	.186	-.614
30	415	-.191	.098	.163	-.536
30	416	-.181	.108	.222	-.536
30	417	-.183	.111	.239	-.530
30	418	-.179	.119	.194	-.763
30	419	-.175	.100	.173	-.620
30	420	-.166	.111	.213	-.641
30	421	-.161	.109	.204	-.548
30	422	-.185	.113	.169	-.631
30	423	-.193	.104	.157	-.703
30	424	-.177	.114	.198	-.665
30	425	-.175	.112	.217	-.612
30	426	-.178	.119	.211	-.742
30	427	-.183	.107	.202	-.585
30	428	-.178	.124	.265	-.805
30	429	-.171	.118	.256	-.654
30	430	-.168	.113	.154	-.722
30	431	-.182	.100	.102	-.628
30	432	-.174	.112	.181	-.563
30	433	-.176	.116	.172	-.776
30	434	-.173	.114	.139	-.668
30	435	-.177	.100	.095	-.603
30	436	-.169	.110	.135	-.643
30	437	-.191	.113	.140	-.990
30	438	-.185	.119	.198	-.733
30	439	-.178	.102	.170	-.618
30	440	-.169	.115	.202	-.680
30	441	-.166	.115	.220	-.651
30	442	-.193	.114	.201	-.621
30	443	-.194	.103	.152	-.743
30	444	-.181	.115	.201	-.701
30	445	-.181	.116	.204	-.638
30	446	-.174	.117	.229	-.560
30	447	-.198	.107	.176	-.653
30	448	-.193	.120	.224	-.625
30	449	-.190	.118	.208	-.588
30	450	-.199	.111	.144	-.699
30	451	-.203	.099	.117	-.610
30	452	-.175	.108	.167	-.480
30	453	-.187	.109	.155	-.717
30	454	-.191	.103	.154	-.556
30	455	-.200	.092	.116	-.514
30	456	-.199	.105	.159	-.551
30	457	-.203	.105	.163	-.588
30	458	-.171	.108	.179	-.552
30	459	-.179	.094	.126	-.516
30	460	-.176	.107	.170	-.575
30	461	-.183	.109	.139	-.582
30	462	-.188	.114	.178	-.555
30	463	-.204	.099	.136	-.548
30	501	-.147	.108	.283	-.515
30	502	-.071	.112	.375	-.430
30	503	-.041	.117	.385	-.443
30	504	-.030	.115	.397	-.543
30	505	.151	.149	.648	-.362
30	506	.246	.157	.734	-.214
30	507	.113	.158	.808	-.344
30	508	-.103	.118	.341	-.465
30	509	-.104	.106	.278	-.473
30	510	.048	.120	.537	-.331
30	511	.125	.124	.581	-.221
30	512	.147	.129	.603	-.317
30	513	.312	.160	.895	-.316
30	514	.416	.165	1.131	-.115
30	515	.278	.166	.868	-.177

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	516	-.045	.135	.482	-.522
30	517	-.098	.107	.231	-.434
30	518	.044	.112	.395	-.296
30	519	.166	.136	.653	-.217
30	520	.209	.139	.682	-.204
30	521	.286	.170	.808	-.238
30	522	.387	.155	.897	-.144
30	523	.293	.165	.850	-.170
30	524	-.042	.171	.597	-.667
30	525	-.097	.106	.274	-.452
30	526	.050	.112	.466	-.354
30	527	.131	.132	.586	-.347
30	528	.154	.135	.599	-.273
30	529	.309	.166	.824	-.231
30	530	.422	.168	1.214	-.163
30	531	.277	.146	.939	-.214
30	532	-.044	.155	.476	-.596
30	533	-.095	.112	.311	-.566
30	534	.047	.125	.476	-.374
30	535	.152	.124	.611	-.241
30	536	.156	.162	.804	-.370
30	537	.290	.179	.994	-.264
30	538	.346	.150	.883	-.149
30	539	.242	.135	.767	-.220
30	540	-.025	.156	.615	-.594
30	541	-.106	.110	.287	-.636
30	542	.032	.119	.585	-.391
30	543	.126	.117	.666	-.293
30	544	.128	.152	.807	-.602
30	545	.260	.168	.932	-.505
30	546	.328	.153	.893	-.117
30	547	.213	.127	.694	-.179
30	548	-.045	.154	.508	-.535
30	549	-.115	.107	.214	-.493
30	550	.008	.114	.375	-.384
30	551	.091	.111	.507	-.297
30	552	.089	.143	.658	-.428
30	553	.210	.161	.812	-.339
30	554	.274	.140	.794	-.116
30	555	.191	.127	.681	-.206
30	556	-.029	.141	.433	-.519
30	557	-.118	.111	.243	-.533
30	558	-.020	.113	.336	-.434
30	559	.058	.109	.437	-.324
30	560	.051	.142	.565	-.498
30	561	.170	.161	.806	-.499
30	562	.264	.154	.973	-.212
30	563	.168	.129	.620	-.268
30	564	-.043	.147	.441	-.517
30	565	-.136	.112	.284	-.520
30	566	-.038	.110	.326	-.467
30	567	.029	.101	.385	-.331
30	568	.028	.125	.500	-.399
30	569	.139	.142	.687	-.308
30	570	.220	.136	.752	-.230
30	571	.138	.112	.500	-.254
30	572	-.037	.131	.316	-.520
30	573	-.157	.117	.222	-.593
30	574	-.043	.106	.302	-.364
30	575	.051	.099	.392	-.244
30	576	.052	.123	.479	-.294
30	577	.152	.137	.712	-.250
30	578	.181	.132	.607	-.270
30	579	.114	.110	.459	-.267
30	580	-.027	.143	.505	-.492
30	581	.105	.125	.612	-.311
30	582	-.209	.123	.243	-.666
30	583	.124	.124	.693	-.287
30	584	.055	.109	.476	-.292
30	585	.063	.130	.590	-.341
30	586	.113	.128	.654	-.278
30	587	.140	.123	.593	-.252
30	588	.058	.113	.454	-.279
30	589	-.041	.132	.483	-.450
30	590	.121	.122	.507	-.332
30	591	-.222	.128	.255	-.696
30	592	.080	.125	.568	-.366
30	593	.115	.107	.555	-.385
30	594	.069	.124	.518	-.522
30	595	-.015	.127	.469	-.568
40	1	-.468	.147	-.006	-1.032
40	2	-.331	.148	.144	-.885
40	3	-.182	.137	.237	-.697
40	4	-.326	.167	.210	-1.129
40	5	-.048	.118	.375	-.444
40	6	-.131	.123	.273	-.611
40	7	-.118	.122	.326	-.502
40	8	.000	.117	.408	-.418
40	9	-.440	.141	.039	-.864
40	10	-.537	.130	-.106	-.958
40	11	-.513	.146	-.021	-.991
40	12	-.400	.142	.084	-.895
40	13	-.367	.136	.124	-.869
40	14	-.486	.146	.107	-1.085
40	15	-.483	.162	.149	-1.050
40	16	-.173	.119	.233	-.580
40	17	-.176	.128	.232	-.631
40	18	-.262	.118	.166	-.616
40	19	-.333	.160	.262	-1.094
40	20	-.223	.147	.263	-.898
40	101	-.503	.154	-.050	-1.219
40	102	-.603	.155	-.049	-1.377
40	103	-.358	.158	.213	-.889
40	104	-.145	.128	.324	-.650
40	105	-.139	.117	.208	-.557
40	106	-.365	.132	.024	-.867
40	107	-.642	.172	-.129	-1.304
40	108	-.338	.143	.112	-.828
40	109	-.180	.122	.247	-.606
40	110	-.227	.105	.179	-.595
40	111	-.342	.151	.133	-.910
40	112	-.559	.173	-.045	-1.299
40	113	-.415	.192	.530	-1.155
40	114	-.714	.181	-.159	-1.657
40	115	-.355	.150	.103	-1.073
40	116	-.173	.116	.229	-.650
40	117	-.156	.116	.198	-.570
40	118	-.248	.111	.126	-.605
40	119	-.638	.201	-.013	-1.297
40	120	-.506	.194	.256	-1.107
40	121	-.668	.197	-.050	-1.426
40	122	-.348	.113	-.011	-.803
40	123	-.248	.117	.139	-.711
40	124	-.141	.107	.207	-.624
40	125	-.160	.116	.281	-.575
40	126	-.659	.197	-.076	-1.335
40	127	-.585	.222	.215	-1.433
40	128	-.646	.211	-.087	-1.462
40	129	-.258	.125	.150	-.660
40	130	-.269	.107	.109	-.641
40	131	-.223	.120	.204	-.661
40	132	-.143	.115	.272	-.572
40	133	-.539	.208	.007	-1.282
40	134	-.596	.198	-.004	-1.294
40	135	-.727	.215	-.156	-1.552
40	136	-.240	.121	.155	-.656
40	137	-.176	.114	.208	-.577
40	138	-.229	.104	.111	-.565
40	139	-.206	.119	.181	-.618
40	140	-.500	.226	.125	-1.395
40	141	-.385	.196	.258	-1.157
40	142	-.619	.175	-.149	-1.325
40	143	-.274	.125	.105	-.776
40	144	-.138	.108	.202	-.553
40	145	-.140	.110	.200	-.537
40	146	-.219	.104	.117	-.568
40	147	-.559	.228	.037	-1.480
40	148	-.380	.207	.169	-1.155
40	149	-.513	.199	-.006	-1.282
40	150	-.295	.112	.052	-.648

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	151	-.223	.118	.163	-.608
40	152	-.123	.110	.239	-.474
40	153	-.136	.119	.226	-.653
40	154	-.498	.197	.066	-1.284
40	155	-.416	.207	.321	-1.244
40	156	-.433	.173	.020	-1.125
40	157	-.155	.103	.202	-.610
40	158	-.168	.090	.138	-.503
40	159	-.108	.097	.206	-.480
40	160	-.109	.099	.224	-.509
40	161	-.317	.161	.158	-.973
40	162	-.328	.154	.142	-.898
40	163	-.358	.145	.031	-1.090
40	164	-.140	.108	.211	-.519
40	165	-.099	.109	.358	-.567
40	166	-.153	.102	.246	-.560
40	167	-.120	.118	.349	-.587
40	168	-.221	.140	.332	-.747
40	169	-.212	.145	.344	-.761
40	170	-.357	.130	.020	-.850
40	171	-.124	.109	.272	-.563
40	172	-.087	.105	.292	-.476
40	173	-.088	.107	.287	-.423
40	174	-.182	.109	.189	-.568
40	175	-.208	.147	.220	-.979
40	176	-.157	.136	.263	-.784
40	177	-.189	.122	.212	-.732
40	178	-.164	.098	.184	-.482
40	179	-.081	.105	.309	-.393
40	180	-.069	.104	.300	-.387
40	181	-.109	.121	.287	-.610
40	182	-.268	.129	.135	-.814
40	183	-.152	.132	.312	-.683
40	184	-.173	.123	.284	-.660
40	185	-.106	.110	.209	-.460
40	186	-.149	.103	.133	-.473
40	187	-.088	.111	.224	-.432
40	188	-.106	.121	.236	-.523
40	201	-.323	.170	.174	-1.043
40	202	-.364	.153	.065	-.971
40	203	-.215	.140	.224	-.715
40	204	-.189	.135	.236	-.668
40	205	-.175	.134	.305	-.774
40	206	-.241	.119	.182	-.704
40	207	-.162	.125	.308	-.702
40	208	-.157	.128	.340	-.740
40	209	-.186	.136	.307	-.823
40	210	-.261	.122	.138	-.766
40	211	-.189	.131	.238	-.740
40	212	-.350	.185	.191	-1.093
40	213	-.154	.135	.335	-.669
40	214	-.255	.128	.197	-.684
40	215	-.199	.146	.338	-.759
40	216	-.180	.140	.340	-.708
40	217	-.176	.124	.225	-.592
40	218	-.245	.112	.096	-.622
40	219	-.170	.119	.171	-.641
40	220	-.206	.108	.188	-.671
40	221	-.170	.118	.210	-.548
40	222	-.262	.112	.077	-.625
40	223	-.150	.117	.189	-.571
40	224	-.142	.120	.200	-.634
40	225	-.158	.125	.202	-.589
40	226	-.250	.117	.076	-.633
40	227	-.176	.126	.178	-.628
40	228	-.166	.125	.191	-.607
40	229	-.164	.114	.323	-.551
40	230	-.253	.105	.167	-.606
40	231	-.176	.114	.272	-.584
40	232	-.136	.108	.287	-.515
40	233	-.150	.110	.227	-.584
40	234	-.242	.104	.108	-.650
40	235	-.161	.112	.224	-.612
40	236	-.155	.111	.241	-.565
40	237	-.151	.116	.235	-.580
40	238	-.239	.110	.120	-.667
40	239	-.159	.119	.248	-.676
40	240	-.158	.120	.250	-.740
40	241	-.172	.117	.195	-.658
40	242	-.208	.105	.132	-.706
40	243	-.124	.113	.182	-.494
40	244	-.135	.102	.153	-.474
40	245	-.146	.114	.202	-.517
40	246	-.134	.113	.198	-.534
40	247	-.155	.115	.213	-.604
40	248	-.167	.107	.207	-.595
40	249	-.184	.125	.257	-.678
40	250	-.185	.131	.253	-.675
40	251	-.194	.134	.309	-.766
40	252	-.125	.108	.245	-.529
40	253	-.136	.120	.270	-.593
40	254	-.122	.118	.272	-.589
40	255	-.120	.113	.258	-.555
40	256	-.129	.100	.204	-.504
40	257	-.148	.116	.237	-.623
40	258	-.132	.115	.242	-.611
40	259	-.141	.120	.248	-.644
40	260	-.179	.117	.233	-.593
40	261	-.198	.137	.255	-.841
40	262	-.113	.112	.260	-.679
40	263	-.113	.113	.262	-.598
40	264	-.109	.112	.244	-.559
40	265	-.123	.116	.261	-.552
40	266	-.111	.111	.243	-.459
40	267	-.159	.132	.238	-.702
40	268	-.196	.124	.148	-.680
40	269	-.189	.139	.205	-.807
40	270	-.171	.143	.274	-.915
40	271	-.174	.136	.286	-.688
40	272	-.166	.116	.181	-.659
40	273	-.157	.126	.217	-.698
40	274	-.133	.125	.241	-.705
40	275	-.142	.118	.237	-.610
40	276	-.175	.108	.116	-.667
40	277	-.170	.120	.169	-.580
40	278	-.140	.117	.184	-.544
40	279	-.150	.127	.252	-.700
40	280	-.195	.123	.202	-.677
40	281	-.186	.135	.242	-.695
40	282	-.126	.122	.339	-.565
40	283	-.135	.122	.322	-.547
40	284	-.176	.114	.253	-.727
40	285	-.168	.127	.310	-.666
40	286	-.130	.119	.333	-.538
40	287	-.141	.125	.288	-.576
40	288	-.178	.117	.221	-.562
40	289	-.170	.128	.271	-.561
40	290	-.146	.127	.289	-.603
40	291	-.162	.136	.257	-.786
40	292	-.175	.122	.190	-.691
40	293	-.166	.133	.243	-.713
40	294	-.138	.131	.256	-.662
40	295	-.153	.138	.295	-.761
40	296	-.187	.128	.230	-.823
40	297	-.178	.137	.297	-.713
40	298	-.143	.132	.293	-.701
40	299	-.156	.127	.261	-.727
40	300	-.201	.120	.185	-.697
40	301	-.189	.130	.224	-.755
40	302	-.133	.135	.252	-.802
40	303	-.140	.123	.207	-.638
40	304	-.184	.115	.137	-.638
40	305	-.177	.129	.183	-.694
40	306	-.137	.125	.221	-.768
40	307	-.151	.116	.242	-.591
40	308	-.193	.108	.176	-.607
40	309	-.192	.120	.207	-.766
40	310	-.162	.117	.224	-.830
40	311	-.164	.119	.230	-.579
40	312	-.175	.122	.215	-.617

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	313	-.169	.133	.262	-.665
40	314	-.133	.129	.292	-.596
40	315	-.146	.137	.261	-.741
40	316	-.166	.125	.196	-.643
40	317	-.162	.131	.269	-.717
40	318	-.134	.125	.300	-.619
40	319	-.147	.123	.225	-.536
40	320	-.198	.124	.181	-.700
40	321	-.201	.135	.221	-.654
40	322	-.134	.155	.284	-.982
40	323	-.139	.147	.309	-1.242
40	324	-.167	.128	.197	-.697
40	325	-.139	.141	.314	-.711
40	326	-.112	.131	.315	-.724
40	327	-.125	.120	.365	-.586
40	328	-.175	.113	.304	-.689
40	329	-.185	.126	.243	-.694
40	401	-.186	.141	.343	-.727
40	402	-.213	.147	.217	-.796
40	403	-.305	.142	.136	-.884
40	404	-.371	.166	.179	-1.127
40	405	-.349	.172	.196	-1.357
40	406	-.197	.136	.237	-.732
40	407	-.237	.132	.188	-.715
40	408	-.268	.161	.258	-1.024
40	409	-.264	.160	.219	-1.166
40	410	-.305	.161	.177	-.924
40	411	-.336	.149	.080	-.958
40	412	-.228	.136	.256	-.788
40	413	-.222	.150	.326	-.946
40	414	-.255	.147	.205	-.781
40	415	-.295	.143	.139	-.887
40	416	-.286	.162	.175	-.910
40	417	-.180	.134	.260	-.860
40	418	-.230	.154	.236	-1.230
40	419	-.258	.134	.140	-.898
40	420	-.282	.162	.221	-.919
40	421	-.275	.160	.189	-.924
40	422	-.173	.133	.303	-.835
40	423	-.203	.127	.181	-.976
40	424	-.217	.143	.234	-.792
40	425	-.239	.156	.215	-.869
40	426	-.270	.165	.164	-1.070
40	427	-.176	.115	.182	-.692
40	428	-.193	.148	.190	-1.039
40	429	-.209	.144	.189	-.960
40	430	-.227	.146	.230	-.951
40	431	-.242	.135	.163	-.900
40	432	-.160	.122	.271	-.824
40	433	-.176	.130	.262	-.713
40	434	-.192	.136	.219	-.870
40	435	-.207	.125	.136	-.810
40	436	-.209	.144	.196	-.878
40	437	-.164	.130	.249	-.787
40	438	-.183	.141	.349	-1.102
40	439	-.188	.118	.292	-.705
40	440	-.195	.136	.351	-.784
40	441	-.192	.135	.345	-.737
40	442	-.162	.114	.216	-.854
40	443	-.168	.105	.192	-.855
40	444	-.169	.117	.254	-.750
40	445	-.167	.116	.275	-.794
40	446	-.168	.122	.253	-.615
40	447	-.168	.107	.179	-.545
40	448	-.174	.120	.234	-.570
40	449	-.169	.120	.256	-.690
40	450	-.180	.118	.198	-.641
40	451	-.179	.105	.152	-.630
40	452	-.146	.111	.210	-.643
40	453	-.159	.114	.206	-.630
40	454	-.160	.112	.161	-.549
40	455	-.171	.101	.143	-.534
40	456	-.184	.113	.165	-.566
40	457	-.184	.111	.170	-.567
40	458	-.125	.114	.236	-.567
40	459	-.134	.104	.230	-.479
40	460	-.149	.116	.259	-.559
40	461	-.163	.118	.271	-.577
40	462	-.181	.118	.164	-.561
40	463	-.175	.100	.139	-.483
40	501	-.169	.119	.255	-.715
40	502	-.040	.118	.420	-.457
40	503	.002	.122	.432	-.435
40	504	.065	.117	.479	-.315
40	505	.219	.151	.710	-.255
40	506	.148	.151	.775	-.416
40	507	-.033	.151	.551	-.567
40	508	-.206	.110	.208	-.622
40	509	-.135	.118	.244	-.528
40	510	.108	.122	.548	-.278
40	511	.234	.146	.793	-.171
40	512	.305	.145	.865	-.080
40	513	.419	.181	1.083	-.049
40	514	.338	.200	.985	-.376
40	515	.093	.166	.712	-.365
40	516	-.212	.116	.169	-.577
40	517	-.117	.119	.278	-.528
40	518	.101	.128	.511	-.328
40	519	.246	.139	.763	-.206
40	520	.302	.140	.799	-.122
40	521	.382	.158	.935	-.108
40	522	.313	.184	1.026	-.284
40	523	.097	.180	.803	-.539
40	524	-.245	.148	.251	-.841
40	525	-.127	.126	.289	-.681
40	526	.094	.121	.545	-.322
40	527	.221	.132	.779	-.190
40	528	.285	.127	.845	-.093
40	529	.392	.168	1.035	-.133
40	530	.294	.180	.958	-.203
40	531	.077	.162	.665	-.414
40	532	-.212	.156	.276	-.761
40	533	-.124	.130	.261	-.753
40	534	.092	.122	.459	-.402
40	535	.206	.119	.576	-.216
40	536	.263	.144	.768	-.225
40	537	.360	.150	1.018	-.158
40	538	.273	.172	.833	-.309
40	539	.038	.154	.611	-.483
40	540	-.262	.168	.302	-.912
40	541	-.124	.119	.261	-.626
40	542	.073	.116	.487	-.296
40	543	.171	.114	.563	-.195
40	544	.218	.139	.733	-.231
40	545	.318	.151	.838	-.110
40	546	.229	.151	.710	-.333
40	547	.023	.138	.563	-.467
40	548	-.231	.163	.323	-.865
40	549	-.095	.123	.362	-.621
40	550	.062	.116	.484	-.295
40	551	.156	.116	.563	-.182
40	552	.203	.142	.716	-.219
40	553	.308	.149	.882	-.155
40	554	.217	.149	.815	-.305
40	555	.024	.140	.538	-.553
40	556	-.224	.163	.263	-.912
40	557	-.098	.110	.258	-.475
40	558	.026	.108	.426	-.300
40	559	.101	.108	.553	-.207
40	560	.139	.135	.687	-.250
40	561	.240	.146	.780	-.167
40	562	.223	.147	.795	-.267
40	563	.024	.130	.620	-.399
40	564	-.217	.143	.302	-.735
40	565	-.113	.115	.341	-.593
40	566	.001	.110	.398	-.445
40	567	.063	.105	.465	-.315
40	568	.096	.129	.597	-.296
40	569	.200	.137	.661	-.208
40	570	.172	.124	.674	-.216

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	571	.028	.114	.373	-.372
40	572	-.146	.132	.240	-.613
40	573	-.115	.111	.245	-.580
40	574	-.010	.106	.334	-.368
40	575	.064	.102	.434	-.287
40	576	.098	.126	.589	-.357
40	577	.186	.134	.666	-.247
40	578	.138	.127	.604	-.319
40	579	-.002	.112	.363	-.389
40	580	-.144	.127	.257	-.722
40	581	.106	.117	.509	-.321
40	582	-.177	.121	.197	-.756
40	583	.149	.138	.831	-.254
40	584	.082	.115	.506	-.268
40	585	.102	.136	.641	-.295
40	586	.144	.133	.748	-.263
40	587	.081	.127	.621	-.354
40	588	-.028	.119	.447	-.407
40	589	-.113	.129	.341	-.563
40	590	.114	.124	.574	-.325
40	591	-.169	.125	.260	-.669
40	592	.108	.123	.613	-.310
40	593	.052	.107	.453	-.377
40	594	-.016	.126	.405	-.488
40	595	-.108	.129	.304	-.595
50	1	-.490	.162	.072	-1.191
50	2	-.428	.149	.123	-.977
50	3	-.179	.142	.358	-.667
50	4	-.372	.210	.426	-1.314
50	5	-.062	.124	.346	-.528
50	6	-.172	.123	.264	-.646
50	7	-.091	.122	.303	-.513
50	8	-.004	.118	.384	-.396
50	9	-.447	.153	.021	-1.031
50	10	-.555	.146	-.127	-1.129
50	11	-.539	.162	-.058	-1.166
50	12	-.436	.152	.040	-1.051
50	13	-.419	.142	.041	-.883
50	14	-.587	.146	-.145	-1.088
50	15	-.558	.162	-.042	-1.154
50	16	-.114	.110	.308	-.551
50	17	-.151	.115	.283	-.606
50	18	-.259	.110	.148	-.631
50	19	-.320	.182	.258	-1.215
50	20	-.220	.151	.261	-.990
50	101	-.550	.168	-.029	-1.157
50	102	-.693	.167	-.218	-1.425
50	103	-.512	.186	.080	-1.356
50	104	-.253	.166	.229	-1.141
50	105	-.189	.138	.301	-.805
50	106	-.346	.134	.126	-.944
50	107	-.643	.163	-.035	-1.310
50	108	-.372	.135	.204	-.824
50	109	-.190	.121	.216	-.727
50	110	-.203	.107	.191	-.757
50	111	-.272	.138	.183	-.757
50	112	-.560	.168	-.014	-1.138
50	113	-.573	.199	.009	-1.326
50	114	-.693	.202	-.107	-1.500
50	115	-.436	.168	.071	-1.478
50	116	-.206	.128	.271	-.814
50	117	-.161	.121	.250	-.693
50	118	-.232	.110	.126	-.636
50	119	-.809	.192	-.237	-1.552
50	120	-.624	.170	-.064	-1.339
50	121	-.612	.197	-.089	-1.465
50	122	-.407	.123	-.009	-.873
50	123	-.295	.128	.159	-.762
50	124	-.146	.115	.230	-.589
50	125	-.129	.112	.253	-.550
50	126	-.859	.211	-.171	-1.713
50	127	-.784	.226	-.017	-1.785
50	128	-.636	.203	-.042	-1.342
50	129	-.298	.129	.164	-.796
50	130	-.308	.112	.059	-.769
50	131	-.235	.125	.207	-.733
50	132	-.104	.113	.266	-.470
50	133	-.716	.235	-.050	-1.482
50	134	-.805	.227	-.168	-1.582
50	135	-.749	.248	-.122	-1.780
50	136	-.274	.133	.130	-.718
50	137	-.196	.122	.206	-.721
50	138	-.239	.108	.135	-.658
50	139	-.186	.121	.260	-.651
50	140	-.664	.222	-.070	-1.759
50	141	-.575	.213	.102	-1.330
50	142	-.678	.186	-.089	-1.313
50	143	-.339	.132	.088	-.792
50	144	-.157	.112	.236	-.539
50	145	-.132	.115	.191	-.525
50	146	-.197	.108	.140	-.563
50	147	-.746	.233	-.086	-1.610
50	148	-.529	.207	.121	-1.356
50	149	-.557	.189	.041	-1.317
50	150	-.352	.114	.044	-.762
50	151	-.252	.120	.153	-.699
50	152	-.114	.108	.252	-.548
50	153	-.102	.107	.225	-.443
50	154	-.686	.187	-.219	-1.359
50	155	-.576	.193	-.035	-1.356
50	156	-.467	.163	.025	-1.015
50	157	-.204	.124	.175	-.593
50	158	-.237	.114	.124	-.556
50	159	-.107	.116	.257	-.447
50	160	-.084	.116	.293	-.440
50	161	-.443	.190	.079	-1.184
50	162	-.489	.180	.007	-1.207
50	163	-.389	.161	.065	-1.035
50	164	-.162	.124	.189	-.630
50	165	-.104	.106	.248	-.510
50	166	-.179	.102	.159	-.550
50	167	-.078	.109	.272	-.452
50	168	-.322	.152	.147	-.885
50	169	-.301	.158	.165	-.928
50	170	-.421	.148	.069	-1.005
50	171	-.133	.117	.288	-.534
50	172	-.080	.112	.330	-.455
50	173	-.070	.111	.298	-.460
50	174	-.163	.111	.204	-.566
50	175	-.280	.138	.127	-.832
50	176	-.206	.128	.192	-.630
50	177	-.209	.132	.202	-.784
50	178	-.210	.109	.156	-.623
50	179	-.080	.110	.286	-.458
50	180	-.057	.109	.310	-.442
50	181	-.062	.123	.261	-.614
50	182	-.382	.154	.010	-1.117
50	183	-.210	.151	.242	-.908
50	184	-.193	.138	.204	-.938
50	185	-.110	.117	.264	-.480
50	186	-.167	.113	.189	-.521
50	187	-.061	.116	.320	-.423
50	188	-.049	.123	.345	-.510
50	201	-.273	.159	.132	-1.245
50	202	-.344	.146	.073	-1.012
50	203	-.172	.131	.243	-.754
50	204	-.150	.127	.245	-.640
50	205	-.139	.130	.314	-.846
50	206	-.239	.127	.226	-1.004
50	207	-.145	.134	.354	-.981
50	208	-.144	.134	.326	-.679
50	209	-.180	.126	.223	-.732
50	210	-.289	.127	.141	-.844
50	211	-.170	.131	.270	-.751
50	212	-.282	.175	.150	-1.078
50	213	-.148	.131	.219	-.892
50	214	-.250	.119	.122	-.746
50	215	-.165	.128	.255	-.762
50	216	-.149	.121	.259	-.636
50	217	-.146	.125	.360	-.586

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	218	-.246	.119	.212	-.705
50	219	-.154	.124	.294	-.682
50	220	-.196	.103	.135	-.592
50	221	-.168	.123	.386	-.647
50	222	-.286	.121	.244	-.753
50	223	-.145	.129	.431	-.622
50	224	-.127	.131	.489	-.688
50	225	-.134	.135	.287	-.602
50	226	-.241	.127	.154	-.697
50	227	-.141	.127	.240	-.599
50	228	-.132	.127	.254	-.596
50	229	-.139	.122	.202	-.585
50	230	-.255	.122	.109	-.738
50	231	-.172	.131	.236	-.644
50	232	-.113	.119	.217	-.588
50	233	-.121	.121	.294	-.589
50	234	-.225	.116	.170	-.698
50	235	-.124	.117	.249	-.560
50	236	-.114	.115	.223	-.603
50	237	-.124	.115	.260	-.522
50	238	-.234	.114	.136	-.625
50	239	-.134	.121	.275	-.541
50	240	-.134	.125	.283	-.560
50	241	-.187	.122	.201	-.624
50	242	-.205	.106	.186	-.588
50	243	-.093	.112	.335	-.456
50	244	-.114	.102	.268	-.442
50	245	-.113	.113	.311	-.498
50	246	-.098	.112	.339	-.555
50	247	-.105	.111	.262	-.483
50	248	-.124	.102	.209	-.499
50	249	-.125	.117	.266	-.527
50	250	-.116	.120	.364	-.694
50	251	-.175	.125	.298	-.650
50	252	-.107	.098	.259	-.547
50	253	-.106	.109	.283	-.508
50	254	-.087	.105	.295	-.459
50	255	-.087	.118	.306	-.480
50	256	-.114	.110	.251	-.487
50	257	-.122	.125	.357	-.595
50	258	-.100	.124	.322	-.538
50	259	-.098	.121	.360	-.555
50	260	-.132	.116	.306	-.616
50	261	-.185	.130	.291	-.661
50	262	-.085	.112	.379	-.507
50	263	-.089	.111	.314	-.495
50	264	-.082	.108	.311	-.469
50	265	-.086	.113	.274	-.522
50	266	-.084	.118	.289	-.519
50	267	-.099	.126	.328	-.551
50	268	-.132	.119	.263	-.530
50	269	-.134	.134	.331	-.650
50	270	-.103	.134	.351	-.586
50	271	-.167	.136	.289	-.632
50	272	-.127	.113	.200	-.500
50	273	-.129	.125	.256	-.551
50	274	-.087	.120	.287	-.485
50	275	-.095	.132	.395	-.543
50	276	-.135	.124	.316	-.567
50	277	-.142	.140	.367	-.634
50	278	-.095	.134	.407	-.570
50	279	-.115	.126	.366	-.585
50	280	-.162	.122	.274	-.554
50	281	-.202	.139	.312	-.723
50	282	-.095	.118	.315	-.547
50	283	-.096	.117	.263	-.589
50	284	-.134	.109	.230	-.477
50	285	-.135	.121	.287	-.538
50	286	-.092	.117	.266	-.575
50	287	-.105	.124	.302	-.515
50	288	-.139	.117	.259	-.554
50	289	-.143	.130	.340	-.627
50	290	-.106	.128	.337	-.613
50	291	-.143	.129	.322	-.634
50	292	-.123	.107	.219	-.524
50	293	-.130	.118	.256	-.619
50	294	-.086	.113	.267	-.522
50	295	-.095	.125	.270	-.548
50	296	-.134	.116	.221	-.573
50	297	-.148	.130	.235	-.624
50	298	-.100	.125	.269	-.611
50	299	-.107	.128	.279	-.630
50	300	-.152	.121	.203	-.641
50	301	-.175	.134	.248	-.682
50	302	-.064	.119	.354	-.522
50	303	-.067	.123	.341	-.572
50	304	-.105	.116	.274	-.567
50	305	-.111	.127	.327	-.646
50	306	-.074	.122	.360	-.578
50	307	-.091	.132	.308	-.522
50	308	-.134	.127	.242	-.664
50	309	-.146	.141	.275	-.695
50	310	-.107	.137	.273	-.642
50	311	-.125	.134	.275	-.597
50	312	-.086	.119	.260	-.592
50	313	-.094	.129	.324	-.587
50	314	-.047	.125	.366	-.558
50	315	-.053	.124	.364	-.479
50	316	-.098	.116	.283	-.456
50	317	-.113	.130	.300	-.530
50	318	-.069	.124	.327	-.468
50	319	-.084	.127	.331	-.587
50	320	-.143	.131	.253	-.659
50	321	-.158	.142	.297	-.697
50	322	-.043	.121	.355	-.467
50	323	-.056	.132	.364	-.575
50	324	-.088	.127	.321	-.577
50	325	-.095	.135	.386	-.607
50	326	-.058	.130	.373	-.552
50	327	-.066	.113	.299	-.460
50	328	-.129	.112	.251	-.623
50	329	-.151	.125	.239	-.711
50	401	-.171	.125	.313	-.632
50	402	-.143	.125	.302	-.750
50	403	-.206	.127	.240	-.782
50	404	-.324	.178	.256	-1.242
50	405	-.541	.209	.028	-1.796
50	406	-.182	.130	.211	-.660
50	407	-.215	.128	.262	-.749
50	408	-.231	.140	.205	-.830
50	409	-.205	.171	.309	-.975
50	410	-.389	.225	.341	-1.120
50	411	-.581	.167	.107	-1.132
50	412	-.207	.136	.279	-.848
50	413	-.181	.138	.324	-1.031
50	414	-.240	.175	.269	-1.164
50	415	-.392	.191	.150	-1.098
50	416	-.518	.187	.021	-1.293
50	417	-.161	.137	.330	-.922
50	418	-.195	.144	.273	-1.067
50	419	-.238	.152	.218	-.883
50	420	-.411	.201	.121	-1.218
50	421	-.483	.175	.017	-1.236
50	422	-.136	.128	.263	-.754
50	423	-.163	.116	.223	-.869
50	424	-.220	.169	.304	-1.091
50	425	-.364	.211	.324	-1.137
50	426	-.502	.179	-.005	-1.188
50	427	-.131	.111	.201	-.574
50	428	-.168	.131	.222	-.849
50	429	-.200	.150	.201	-1.032
50	430	-.323	.199	.306	-1.167
50	431	-.410	.179	.195	-1.037
50	432	-.137	.140	.284	-.688
50	433	-.156	.147	.331	-1.032
50	434	-.208	.157	.303	-1.111
50	435	-.303	.161	.230	-.946
50	436	-.403	.190	.100	-1.311
50	437	-.128	.128	.342	-.561
50	438	-.148	.127	.260	-.731

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	439	-.169	.120	.179	-.736
50	440	-.254	.162	.212	-.984
50	441	-.317	.184	.195	-1.018
50	442	-.119	.123	.213	-.527
50	443	-.134	.113	.186	-.606
50	444	-.172	.132	.236	-.709
50	445	-.195	.146	.208	-.799
50	446	-.220	.143	.174	-.900
50	447	-.115	.109	.223	-.492
50	448	-.152	.129	.254	-.679
50	449	-.152	.126	.235	-.613
50	450	-.174	.131	.274	-.728
50	451	-.167	.117	.195	-.669
50	452	-.099	.116	.343	-.550
50	453	-.116	.121	.438	-.547
50	454	-.126	.124	.241	-.602
50	455	-.143	.110	.189	-.607
50	456	-.164	.125	.196	-.673
50	457	-.152	.124	.196	-.622
50	458	-.074	.119	.378	-.562
50	459	-.085	.105	.283	-.476
50	460	-.111	.121	.313	-.611
50	461	-.133	.123	.252	-.619
50	462	-.166	.128	.217	-.744
50	463	-.153	.110	.160	-.590
50	501	-.195	.131	.254	-.693
50	502	.012	.133	.567	-.452
50	503	.064	.139	.583	-.546
50	504	.153	.134	.613	-.369
50	505	.243	.175	.858	-.351
50	506	.044	.175	.836	-.523
50	507	-.155	.147	.412	-.610
50	508	-.256	.114	.107	-.612
50	509	-.182	.130	.277	-.624
50	510	.163	.132	.643	-.230
50	511	.318	.145	.834	-.185
50	512	.401	.140	.879	-.072
50	513	.429	.164	.874	-.105
50	514	.169	.194	.748	-.579
50	515	-.110	.187	.426	-.747
50	516	-.327	.128	.107	-.745
50	517	-.177	.128	.265	-.696
50	518	.158	.132	.619	-.296
50	519	.345	.148	.838	-.088
50	520	.401	.144	.883	-.021
50	521	.389	.190	.979	-.222
50	522	.141	.209	.960	-.726
50	523	-.137	.175	.383	-.747
50	524	-.430	.154	.044	-1.000
50	525	-.199	.134	.346	-.679
50	526	.151	.127	.580	-.247
50	527	.293	.158	.844	-.179
50	528	.359	.154	.911	-.064
50	529	.380	.175	1.037	-.113
50	530	.077	.210	.819	-.677
50	531	-.204	.172	.471	-.759
50	532	-.424	.161	.148	-.914
50	533	-.162	.137	.345	-.610
50	534	.151	.136	.627	-.261
50	535	.291	.145	.806	-.130
50	536	.362	.171	.964	-.119
50	537	.374	.172	1.112	-.172
50	538	.041	.191	.682	-.727
50	539	-.232	.165	.288	-.900
50	540	-.451	.164	.081	-1.017
50	541	-.178	.140	.271	-.872
50	542	.111	.127	.569	-.311
50	543	.225	.130	.659	-.152
50	544	.285	.154	.850	-.140
50	545	.305	.162	.993	-.182
50	546	.073	.194	.803	-.749
50	547	-.180	.164	.314	-.865
50	548	-.404	.163	.144	-.975
50	549	-.167	.128	.256	-.756
50	550	.094	.126	.581	-.334
50	551	.207	.126	.658	-.191
50	552	.274	.150	.777	-.200
50	553	.302	.160	.930	-.206
50	554	.096	.171	.763	-.507
50	555	-.153	.149	.321	-.680
50	556	-.381	.162	.088	-1.103
50	557	-.153	.129	.249	-.643
50	558	.048	.112	.513	-.358
50	559	.143	.111	.544	-.274
50	560	.213	.135	.736	-.279
50	561	.276	.145	.825	-.230
50	562	.122	.145	.757	-.355
50	563	-.125	.131	.320	-.546
50	564	-.333	.143	.181	-.821
50	565	-.146	.121	.282	-.627
50	566	.009	.112	.395	-.385
50	567	.083	.109	.439	-.312
50	568	.162	.132	.579	-.297
50	569	.230	.144	.697	-.269
50	570	.115	.124	.588	-.282
50	571	-.075	.119	.309	-.495
50	572	-.226	.140	.220	-.770
50	573	-.116	.117	.268	-.646
50	574	-.005	.112	.451	-.416
50	575	.057	.107	.499	-.336
50	576	.104	.127	.629	-.408
50	577	.184	.135	.756	-.266
50	578	.102	.115	.486	-.291
50	579	-.066	.107	.285	-.419
50	580	-.237	.132	.221	-.881
50	581	-.124	.123	.552	-.262
50	582	-.151	.121	.260	-.648
50	583	.169	.132	.663	-.304
50	584	.090	.107	.435	-.294
50	585	.116	.127	.516	-.314
50	586	.155	.130	.620	-.296
50	587	.047	.120	.460	-.368
50	588	-.102	.115	.300	-.478
50	589	-.194	.135	.233	-.762
50	590	.124	.121	.549	-.261
50	591	-.144	.129	.362	-.594
50	592	.109	.121	.591	-.341
50	593	.018	.102	.395	-.338
50	594	-.070	.116	.364	-.451
50	595	-.164	.118	.196	-.595
60	1	-.399	.168	.171	-1.019
60	2	-.493	.142	.049	-.972
60	3	-.250	.156	.460	-.837
60	4	-.413	.191	.269	-1.104
60	5	-.125	.136	.355	-.649
60	6	-.296	.150	.243	-.857
60	7	-.132	.143	.458	-.602
60	8	-.038	.130	.497	-.519
60	9	-.479	.154	.039	-1.055
60	10	-.617	.152	-.113	-1.168
60	11	-.591	.166	-.058	-1.162
60	12	-.481	.153	.019	-1.069
60	13	-.412	.160	.143	-.943
60	14	-.578	.163	-.106	-1.235
60	15	-.487	.173	.039	-1.195
60	16	-.136	.131	.354	-.668
60	17	-.161	.116	.226	-.583
60	18	-.299	.118	.120	-.748
60	19	-.142	.196	.791	-1.165
60	20	-.111	.145	.429	-.927
60	101	-.391	.171	.120	-1.379
60	102	-.557	.172	-.030	-1.476
60	103	-.500	.186	.035	-1.476
60	104	-.289	.166	.196	-1.105
60	105	-.236	.154	.320	-.915
60	106	-.305	.137	.252	-.850
60	107	-.565	.176	-.018	-1.240
60	108	-.362	.143	.048	-1.016
60	109	-.272	.135	.182	-.728
60	110	-.299	.129	.125	-.826

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	111	-.269	.144	.239	-.796
60	112	-.493	.187	.022	-1.169
60	113	-.487	.198	.088	-1.247
60	114	-.563	.192	.104	-1.344
60	115	-.431	.173	.131	-1.150
60	116	-.241	.148	.197	-.922
60	117	-.190	.138	.283	-.763
60	118	-.262	.122	.142	-.764
60	119	-.589	.220	.184	-1.411
60	120	-.422	.187	.223	-1.061
60	121	-.423	.188	.157	-1.115
60	122	-.448	.158	.149	-.970
60	123	-.390	.173	.201	-.953
60	124	-.211	.149	.387	-.723
60	125	-.175	.142	.272	-.737
60	126	-.695	.221	-.158	-1.661
60	127	-.646	.227	-.087	-1.610
60	128	-.356	.183	.142	-1.027
60	129	-.261	.147	.421	-.993
60	130	-.358	.138	.199	-.994
60	131	-.307	.155	.264	-.908
60	132	-.184	.149	.325	-.739
60	133	-.581	.230	.045	-1.277
60	134	-.698	.216	-.111	-1.373
60	135	-.506	.212	.124	-1.250
60	136	-.262	.157	.268	-.836
60	137	-.254	.158	.228	-.941
60	138	-.325	.149	.299	-.950
60	139	-.284	.174	.311	-1.120
60	140	-.617	.195	-.050	-1.267
60	141	-.583	.205	.162	-1.336
60	142	-.575	.186	.075	-1.192
60	143	-.411	.172	.141	-1.090
60	144	-.246	.157	.221	-1.008
60	145	-.188	.143	.265	-.809
60	146	-.266	.133	.204	-.851
60	147	-.716	.196	-.179	-1.444
60	148	-.513	.171	.038	-1.190
60	149	-.461	.187	.220	-1.271
60	150	-.412	.156	.095	-1.125
60	151	-.337	.165	.164	-1.088
60	152	-.173	.143	.268	-.783
60	153	-.149	.136	.249	-.910
60	154	-.751	.189	-.235	-1.445
60	155	-.662	.197	-.107	-1.327
60	156	-.432	.172	.040	-1.083
60	157	-.195	.125	.194	-.769
60	158	-.123	.104	.199	-.699
60	159	-.109	.113	.243	-.574
60	160	-.083	.110	.244	-.500
60	161	-.430	.159	.035	-1.101
60	162	-.348	.138	.062	-.956
60	163	-.335	.145	.062	-1.056
60	164	-.155	.113	.181	-.561
60	165	-.118	.113	.221	-.517
60	166	-.075	.098	.214	-.407
60	167	-.077	.113	.280	-.472
60	168	-.390	.147	.046	-1.008
60	169	-.295	.153	.213	-1.011
60	170	-.254	.129	.165	-.801
60	171	-.127	.115	.327	-.566
60	172	-.075	.109	.379	-.492
60	173	-.049	.106	.257	-.381
60	174	-.028	.095	.258	-.352
60	175	-.273	.142	.137	-.761
60	176	-.186	.132	.200	-.625
60	177	-.189	.124	.195	-.656
60	178	-.084	.095	.206	-.393
60	179	-.069	.106	.281	-.445
60	180	-.041	.104	.305	-.404
60	181	-.028	.097	.341	-.392
60	182	-.257	.119	.099	-.728
60	183	-.217	.129	.218	-.706
60	184	-.172	.116	.246	-.603
60	185	-.095	.111	.305	-.560
60	186	-.050	.097	.328	-.453
60	187	-.046	.107	.370	-.475
60	188	-.024	.109	.398	-.461
60	201	-.146	.125	.225	-.635
60	202	-.119	.105	.180	-.595
60	203	-.126	.115	.236	-.603
60	204	-.121	.117	.242	-.620
60	205	-.133	.126	.284	-.595
60	206	-.131	.114	.222	-.531
60	207	-.152	.129	.247	-.597
60	208	-.157	.127	.296	-.632
60	209	-.201	.129	.236	-.681
60	210	-.171	.106	.176	-.573
60	211	-.149	.118	.235	-.544
60	212	-.149	.126	.279	-.589
60	213	-.124	.118	.246	-.548
60	214	-.125	.101	.181	-.507
60	215	-.147	.117	.189	-.586
60	216	-.148	.117	.202	-.562
60	217	-.154	.114	.257	-.541
60	218	-.150	.102	.214	-.475
60	219	-.182	.120	.219	-.573
60	220	-.223	.109	.177	-.609
60	221	-.170	.116	.217	-.524
60	222	-.178	.103	.147	-.503
60	223	-.151	.128	.244	-.844
60	224	-.124	.118	.231	-.575
60	225	-.127	.112	.268	-.595
60	226	-.125	.097	.214	-.461
60	227	-.143	.109	.182	-.501
60	228	-.140	.112	.207	-.518
60	229	-.138	.117	.242	-.540
60	230	-.152	.105	.185	-.477
60	231	-.196	.131	.255	-.603
60	232	-.119	.117	.253	-.569
60	233	-.116	.121	.261	-.519
60	234	-.116	.105	.200	-.466
60	235	-.121	.118	.251	-.529
60	236	-.123	.120	.293	-.585
60	237	-.125	.100	.213	-.517
60	238	-.127	.088	.162	-.437
60	239	-.133	.103	.203	-.489
60	240	-.141	.107	.194	-.537
60	241	-.227	.130	.195	-.639
60	242	-.135	.110	.194	-.503
60	243	-.119	.122	.365	-.597
60	244	-.135	.111	.285	-.516
60	245	-.105	.120	.360	-.522
60	246	-.119	.125	.377	-.696
60	247	-.111	.125	.311	-.603
60	248	-.133	.115	.257	-.563
60	249	-.098	.128	.323	-.576
60	250	-.126	.130	.282	-.625
60	251	-.248	.134	.144	-.729
60	252	-.171	.125	.178	-.621
60	253	-.111	.125	.294	-.602
60	254	-.111	.120	.241	-.546
60	255	-.107	.111	.245	-.664
60	256	-.139	.104	.184	-.594
60	257	-.096	.115	.274	-.666
60	258	-.114	.114	.282	-.659
60	259	-.123	.121	.236	-.573
60	260	-.171	.117	.175	-.665
60	261	-.239	.138	.192	-.794
60	262	-.149	.132	.254	-.650
60	263	-.122	.124	.269	-.656
60	264	-.106	.118	.273	-.556
60	265	-.095	.113	.272	-.595
60	266	-.099	.119	.290	-.767
60	267	-.126	.133	.290	-.686
60	268	-.163	.123	.247	-.591
60	269	-.172	.138	.312	-.664
60	270	-.146	.141	.340	-.713
60	271	-.263	.148	.183	-.866
60	272	-.170	.126	.211	-.609

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	273	-.166	.135	.270	-.668
60	274	-.111	.127	.308	-.517
60	275	-.111	.120	.256	-.547
60	276	-.161	.120	.182	-.646
60	277	-.170	.136	.238	-.690
60	278	-.114	.128	.310	-.634
60	279	-.126	.127	.293	-.670
60	280	-.192	.121	.185	-.746
60	281	-.301	.139	.093	-.951
60	282	-.100	.125	.255	-.643
60	283	-.100	.123	.357	-.533
60	284	-.139	.114	.278	-.546
60	285	-.143	.129	.312	-.702
60	286	-.107	.131	.331	-.620
60	287	-.126	.135	.300	-.666
60	288	-.166	.125	.201	-.592
60	289	-.172	.140	.289	-.650
60	290	-.151	.142	.281	-.684
60	291	-.230	.138	.274	-.749
60	292	-.118	.115	.264	-.498
60	293	-.118	.126	.290	-.540
60	294	-.067	.121	.310	-.481
60	295	-.092	.124	.347	-.483
60	296	-.146	.120	.247	-.595
60	297	-.158	.137	.327	-.641
60	298	-.113	.131	.370	-.564
60	299	-.119	.135	.317	-.629
60	300	-.206	.136	.202	-.651
60	301	-.247	.147	.229	-.719
60	302	-.048	.125	.329	-.460
60	303	-.055	.115	.332	-.463
60	304	-.088	.106	.272	-.484
60	305	-.096	.121	.292	-.542
60	306	-.055	.117	.343	-.472
60	307	-.075	.126	.335	-.613
60	308	-.120	.119	.267	-.603
60	309	-.129	.132	.290	-.586
60	310	-.125	.130	.273	-.623
60	311	-.136	.133	.326	-.652
60	312	-.067	.111	.272	-.509
60	313	-.064	.121	.327	-.503
60	314	-.025	.118	.354	-.413
60	315	-.033	.114	.352	-.373
60	316	-.080	.109	.273	-.388
60	317	-.079	.120	.316	-.433
60	318	-.026	.115	.361	-.389
60	319	-.048	.111	.335	-.489
60	320	-.144	.120	.280	-.741
60	321	-.118	.128	.272	-.682
60	322	-.013	.111	.351	-.425
60	323	-.015	.119	.386	-.427
60	324	-.067	.116	.317	-.540
60	325	-.080	.131	.350	-.603
60	326	-.017	.118	.363	-.393
60	327	-.019	.116	.523	-.467
60	328	-.121	.124	.408	-.614
60	329	-.114	.134	.470	-.716
60	401	-.192	.128	.240	-.611
60	402	-.147	.125	.262	-.556
60	403	-.174	.120	.245	-.690
60	404	-.223	.160	.270	-.955
60	405	-.522	.192	.078	-1.334
60	406	-.199	.138	.208	-.829
60	407	-.237	.135	.190	-.818
60	408	-.227	.138	.185	-.851
60	409	-.095	.138	.329	-.848
60	410	-.167	.211	.361	-1.107
60	411	-.526	.191	.094	-1.221
60	412	-.242	.146	.266	-.764
60	413	-.190	.131	.278	-.602
60	414	-.109	.127	.362	-.765
60	415	-.181	.184	.357	-.973
60	416	-.467	.195	.247	-1.275
60	417	-.196	.135	.247	-.718
60	418	-.190	.113	.237	-.647
60	419	-.105	.107	.224	-.631
60	420	-.187	.201	.324	-1.252
60	421	-.426	.176	.147	-1.098
60	422	-.188	.137	.262	-.853
60	423	-.193	.115	.164	-.658
60	424	-.133	.139	.268	-.875
60	425	-.191	.211	.287	-1.153
60	426	-.473	.193	.126	-1.193
60	427	-.188	.121	.227	-.651
60	428	-.209	.128	.164	-.646
60	429	-.127	.125	.268	-.716
60	430	-.156	.176	.272	-1.033
60	431	-.413	.160	.048	-.970
60	432	-.197	.133	.195	-.710
60	433	-.186	.123	.154	-.633
60	434	-.121	.122	.297	-.702
60	435	-.174	.162	.240	-.895
60	436	-.431	.180	.229	-1.345
60	437	-.163	.119	.407	-.588
60	438	-.172	.127	.210	-.704
60	439	-.115	.115	.262	-.601
60	440	-.188	.173	.320	-.893
60	441	-.360	.180	.196	-1.135
60	442	-.121	.125	.385	-.605
60	443	-.138	.106	.172	-.563
60	444	-.126	.132	.214	-.677
60	445	-.165	.150	.234	-.754
60	446	-.285	.155	.238	-.954
60	447	-.078	.102	.309	-.487
60	448	-.120	.114	.315	-.599
60	449	-.097	.121	.345	-.471
60	450	-.131	.140	.306	-.687
60	451	-.169	.118	.155	-.722
60	452	-.034	.122	.484	-.474
60	453	-.053	.122	.449	-.594
60	454	-.047	.121	.348	-.459
60	455	-.075	.113	.309	-.495
60	456	-.101	.128	.334	-.561
60	457	-.080	.122	.334	-.557
60	458	.010	.122	.645	-.398
60	459	-.012	.109	.354	-.380
60	460	-.033	.135	.460	-.443
60	461	-.048	.142	.581	-.541
60	462	-.082	.132	.462	-.564
60	463	-.081	.106	.328	-.464
60	501	-.100	.129	.398	-.530
60	502	.072	.128	.618	-.334
60	503	.124	.138	.623	-.322
60	504	.201	.130	.699	-.219
60	505	.183	.160	.887	-.358
60	506	-.102	.157	.438	-.670
60	507	-.280	.143	.155	-.846
60	508	-.269	.110	.063	-.710
60	509	-.088	.134	.340	-.516
60	510	.265	.136	.790	-.155
60	511	.377	.163	.938	-.115
60	512	.422	.153	.921	-.004
60	513	.282	.184	.833	-.384
60	514	-.104	.216	.544	-1.165
60	515	-.280	.170	.357	-.892
60	516	-.304	.116	.221	-.677
60	517	-.071	.136	.381	-.547
60	518	.258	.149	.687	-.167
60	519	.393	.163	.949	-.136
60	520	.417	.162	1.002	-.135
60	521	.302	.180	.849	-.278
60	522	-.080	.196	.559	-.703
60	523	-.281	.167	.331	-.806
60	524	-.335	.145	.125	-.877
60	525	-.106	.137	.408	-.596
60	526	.227	.134	.767	-.232
60	527	.361	.144	.865	-.087
60	528	.399	.137	.879	-.079
60	529	.273	.184	1.066	-.374
60	530	-.167	.217	.541	-1.066

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	531	-.384	.166	.141	-1.058
60	532	-.353	.150	.105	-.890
60	533	-.070	.147	.400	-.568
60	534	.215	.132	.747	-.182
60	535	.309	.131	.858	-.135
60	536	.370	.146	.933	-.115
60	537	.225	.167	.854	-.367
60	538	-.161	.210	.695	-.908
60	539	-.387	.164	.202	-.875
60	540	-.390	.160	.093	-.933
60	541	-.095	.138	.321	-.567
60	542	.203	.134	.757	-.211
60	543	.298	.132	.717	-.094
60	544	.361	.147	.866	-.080
60	545	.223	.160	.858	-.365
60	546	-.132	.200	.536	-.911
60	547	-.342	.153	.199	-.865
60	548	-.375	.143	.051	-.921
60	549	-.096	.137	.459	-.533
60	550	.162	.137	.676	-.266
60	551	.247	.137	.709	-.153
60	552	.307	.152	.825	-.130
60	553	.215	.156	.810	-.228
60	554	-.122	.196	.520	-.825
60	555	-.331	.171	.240	-.973
60	556	-.388	.156	.064	-.966
60	557	-.098	.140	.461	-.602
60	558	.101	.131	.570	-.301
60	559	.183	.124	.633	-.200
60	560	.266	.140	.842	-.175
60	561	.248	.151	.858	-.323
60	562	.003	.169	.632	-.634
60	563	-.230	.145	.264	-.791
60	564	-.336	.151	.118	-.898
60	565	-.130	.127	.304	-.635
60	566	.016	.114	.384	-.365
60	567	.077	.104	.433	-.316
60	568	.167	.121	.628	-.258
60	569	.219	.142	.746	-.280
60	570	.055	.131	.467	-.526
60	571	-.141	.120	.243	-.592
60	572	-.243	.137	.178	-.699
60	573	-.096	.117	.298	-.464
60	574	-.002	.107	.371	-.390
60	575	.030	.099	.363	-.323
60	576	.115	.114	.558	-.267
60	577	.176	.130	.740	-.265
60	578	.079	.130	.605	-.326
60	579	-.103	.109	.310	-.462
60	580	-.256	.125	.121	-.795

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	581	.105	.125	.632	-.371
60	582	-.070	.124	.368	-.596
60	583	.141	.125	.630	-.305
60	584	.045	.101	.374	-.329
60	585	.055	.117	.455	-.355
60	586	.108	.124	.598	-.308
60	587	.053	.115	.538	-.327
60	588	-.097	.099	.180	-.424
60	589	-.190	.123	.181	-.655
60	590	.102	.118	.515	-.391
60	591	-.081	.128	.337	-.733
60	592	.085	.125	.562	-.373
60	593	.019	.107	.360	-.397
60	594	-.081	.119	.329	-.528
60	595	-.173	.139	.270	-.615
70	1	-.256	.157	.209	-.853
70	2	-.323	.124	.077	-.771
70	3	-.145	.142	.359	-.737
70	4	-.381	.181	.097	-1.183
70	5	-.162	.143	.286	-.843
70	6	-.203	.135	.269	-.987
70	7	-.069	.133	.382	-.643
70	8	-.076	.136	.507	-.704
70	9	-.449	.158	.058	-1.018
70	10	-.414	.138	.039	-.950
70	11	-.449	.154	.054	-1.003
70	12	-.439	.152	.041	-1.011
70	13	-.381	.151	.111	-.938
70	14	-.396	.139	.036	-.967
70	15	-.208	.128	.186	-.666
70	16	-.165	.125	.319	-.691
70	17	-.212	.130	.197	-.722
70	18	-.240	.119	.175	-.801
70	19	.154	.162	.767	-.447
70	20	-.044	.145	.453	-.718
70	101	-.198	.129	.245	-.778
70	102	-.185	.114	.207	-.710
70	103	-.214	.144	.229	-.969
70	104	-.202	.148	.232	-.928
70	105	-.193	.153	.382	-.794
70	106	-.148	.121	.313	-.570
70	107	-.207	.126	.215	-.692
70	108	-.195	.126	.344	-.580
70	109	-.204	.129	.272	-.929
70	110	-.172	.111	.258	-.593
70	111	-.178	.123	.324	-.749
70	112	-.208	.126	.256	-.873
70	113	-.202	.129	.209	-.725
70	114	-.170	.111	.201	-.610
70	115	-.194	.129	.195	-.645

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	116	-.188	.129	.158	-.672
70	117	-.181	.132	.230	-.749
70	118	-.158	.115	.255	-.604
70	119	-.227	.129	.174	-.703
70	120	-.214	.128	.172	-.652
70	121	-.176	.119	.191	-.594
70	122	-.156	.104	.155	-.675
70	123	-.187	.120	.168	-.582
70	124	-.168	.118	.234	-.574
70	125	-.179	.128	.238	-.654
70	126	-.205	.115	.149	-.672
70	127	-.233	.133	.217	-.773
70	128	-.175	.130	.243	-.682
70	129	-.158	.127	.207	-.678
70	130	-.157	.111	.178	-.636
70	131	-.178	.130	.226	-.836
70	132	-.178	.137	.220	-.865
70	133	-.249	.138	.144	-.846
70	134	-.245	.119	.102	-.751
70	135	-.214	.132	.169	-.671
70	136	-.185	.128	.240	-.683
70	137	-.192	.130	.183	-.887
70	138	-.187	.111	.125	-.619
70	139	-.223	.143	.204	-.744
70	140	-.302	.142	.168	-.805
70	141	-.293	.147	.091	-.877
70	142	-.233	.122	.109	-.811
70	143	-.232	.140	.168	-.899
70	144	-.224	.144	.207	-1.051
70	145	-.207	.128	.250	-.666
70	146	-.219	.113	.205	-.596
70	147	-.361	.138	.143	-.943
70	148	-.336	.135	.161	-.890
70	149	-.282	.141	.275	-1.021
70	150	-.248	.117	.165	-.669
70	151	-.260	.142	.223	-.975
70	152	-.227	.142	.231	-.797
70	153	-.209	.141	.224	-.810
70	154	-.388	.123	.066	-.960
70	155	-.387	.140	.077	-1.062
70	156	-.300	.137	.100	-.912
70	157	-.234	.137	.178	-.711
70	158	-.216	.123	.121	-.677
70	159	-.185	.134	.193	-.660
70	160	-.143	.130	.232	-.605
70	161	-.352	.140	.082	-.972
70	162	-.327	.124	.037	-.943
70	163	-.294	.138	.179	-1.035
70	164	-.180	.122	.216	-.774
70	165	-.139	.121	.359	-.557

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	166	-.108	.107	.369	-.502
70	167	-.086	.118	.389	-.498
70	168	-.282	.132	.189	-.767
70	169	-.223	.130	.207	-.695
70	170	-.215	.117	.119	-.613
70	171	-.115	.112	.223	-.463
70	172	-.070	.108	.260	-.470
70	173	-.046	.107	.261	-.429
70	174	-.043	.098	.243	-.400
70	175	-.188	.131	.217	-.664
70	176	-.112	.120	.269	-.533
70	177	-.118	.123	.316	-.590
70	178	-.066	.098	.273	-.454
70	179	-.050	.108	.341	-.461
70	180	-.025	.105	.346	-.423
70	181	-.010	.108	.355	-.377
70	182	-.174	.125	.205	-.950
70	183	-.110	.134	.337	-.959
70	184	-.121	.133	.337	-.970
70	185	-.066	.101	.263	-.462
70	186	-.041	.090	.238	-.372
70	187	-.033	.099	.279	-.454
70	188	-.009	.100	.309	-.442
70	201	-.147	.131	.282	-.724
70	202	-.132	.110	.231	-.659
70	203	-.148	.126	.271	-.652
70	204	-.149	.131	.280	-.690
70	205	-.163	.137	.222	-.801
70	206	-.178	.128	.178	-.736
70	207	-.219	.150	.275	-.849
70	208	-.251	.152	.325	-1.019
70	209	-.262	.141	.174	-.745
70	210	-.276	.131	.144	-.764
70	211	-.246	.148	.173	-.829
70	212	-.159	.122	.248	-.897
70	213	-.138	.115	.299	-.589
70	214	-.154	.104	.192	-.502
70	215	-.176	.121	.210	-.594
70	216	-.178	.126	.216	-.665
70	217	-.190	.130	.227	-.853
70	218	-.213	.119	.149	-.755
70	219	-.255	.141	.197	-.948
70	220	-.272	.119	.106	-.691
70	221	-.242	.123	.163	-.702
70	222	-.258	.112	.105	-.663
70	223	-.151	.108	.194	-.569
70	224	-.130	.104	.213	-.518
70	225	-.128	.119	.293	-.563
70	226	-.141	.107	.232	-.527
70	227	-.170	.126	.273	-.604
70	228	-.173	.131	.270	-.758
70	229	-.209	.141	.210	-.746
70	230	-.259	.133	.126	-.989
70	231	-.303	.160	.193	-.901
70	232	-.138	.114	.245	-.515
70	233	-.114	.123	.310	-.517
70	234	-.117	.111	.288	-.515
70	235	-.137	.126	.371	-.577
70	236	-.142	.131	.391	-.582
70	237	-.153	.120	.275	-.581
70	238	-.173	.110	.215	-.547
70	239	-.201	.126	.228	-.688
70	240	-.273	.151	.283	-.939
70	241	-.383	.149	.082	-.881
70	242	-.147	.110	.201	-.584
70	243	-.138	.119	.236	-.598
70	244	-.162	.112	.181	-.752
70	245	-.133	.124	.310	-.733
70	246	-.162	.129	.260	-.773
70	247	-.157	.133	.370	-.584
70	248	-.193	.123	.321	-.628
70	249	-.162	.135	.327	-.709
70	250	-.261	.163	.327	-.793
70	251	-.416	.150	.072	-.956
70	252	-.198	.109	.143	-.552
70	253	-.123	.108	.225	-.488
70	254	-.136	.111	.214	-.588
70	255	-.141	.126	.252	-.618
70	256	-.179	.120	.155	-.748
70	257	-.138	.131	.261	-.722
70	258	-.164	.134	.240	-.643
70	259	-.190	.136	.254	-.661
70	260	-.318	.161	.199	-1.077
70	261	-.407	.163	.076	-.939
70	262	-.170	.131	.299	-.776
70	263	-.147	.122	.266	-.578
70	264	-.131	.123	.307	-.745
70	265	-.153	.133	.246	-.844
70	266	-.154	.135	.283	-1.152
70	267	-.161	.132	.265	-.583
70	268	-.211	.123	.218	-.611
70	269	-.225	.140	.168	-.704
70	270	-.295	.180	.239	-1.068
70	271	-.419	.163	.084	-1.031
70	272	-.207	.121	.158	-.820
70	273	-.179	.127	.217	-.645
70	274	-.127	.123	.266	-.562
70	275	-.149	.138	.324	-.995
70	276	-.201	.136	.262	-.855
70	277	-.197	.147	.339	-.712
70	278	-.158	.138	.325	-.610
70	279	-.183	.145	.348	-.744
70	280	-.368	.172	.193	-1.170
70	281	-.436	.176	.072	-1.058
70	282	-.119	.135	.302	-.748
70	283	-.117	.125	.311	-.547
70	284	-.159	.119	.237	-.643
70	285	-.150	.140	.307	-.717
70	286	-.117	.137	.284	-.674
70	287	-.122	.131	.328	-.606
70	288	-.172	.122	.256	-.704
70	289	-.187	.134	.237	-.806
70	290	-.288	.164	.165	-1.183
70	291	-.332	.151	.115	-.844
70	292	-.116	.115	.202	-.506
70	293	-.096	.124	.228	-.476
70	294	-.054	.120	.278	-.595
70	295	-.065	.124	.348	-.508
70	296	-.113	.115	.303	-.515
70	297	-.111	.128	.350	-.570
70	298	-.077	.121	.324	-.535
70	299	-.119	.127	.281	-.550
70	300	-.319	.156	.134	-.833
70	301	-.292	.159	.182	-.879
70	302	-.040	.116	.348	-.590
70	303	-.040	.124	.317	-.422
70	304	-.075	.118	.266	-.480
70	305	-.070	.130	.304	-.788
70	306	-.039	.125	.358	-.476
70	307	-.046	.123	.360	-.560
70	308	-.086	.116	.317	-.533
70	309	-.087	.130	.436	-.589
70	310	-.160	.141	.334	-.690
70	311	-.140	.130	.409	-.623
70	312	-.056	.106	.363	-.427
70	313	-.043	.116	.423	-.468
70	314	-.013	.112	.455	-.413
70	315	-.025	.107	.360	-.423
70	316	-.075	.102	.279	-.451
70	317	-.049	.113	.359	-.451
70	318	.002	.108	.382	-.398
70	319	-.006	.111	.371	-.360
70	320	-.105	.118	.292	-.530
70	321	-.051	.125	.400	-.509
70	322	-.001	.112	.372	-.382
70	323	-.009	.112	.354	-.416
70	324	-.063	.105	.283	-.425
70	325	-.061	.118	.307	-.500
70	326	.009	.108	.352	-.345
70	327	.012	.115	.413	-.423

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	328	-.100	.124	.292	-.659
70	329	-.063	.130	.360	-.529
70	401	-.261	.148	.251	-.796
70	402	-.166	.124	.235	-.622
70	403	-.132	.117	.230	-.532
70	404	-.100	.133	.302	-.598
70	405	-.323	.181	.254	-1.094
70	406	-.259	.131	.137	-.770
70	407	-.267	.139	.198	-.747
70	408	-.269	.123	.116	-.665
70	409	-.046	.113	.383	-.446
70	410	-.014	.154	.542	-.794
70	411	-.364	.188	.370	-1.272
70	412	-.328	.160	.186	-.901
70	413	-.281	.135	.188	-.789
70	414	-.074	.110	.272	-.499
70	415	-.021	.120	.380	-.654
70	416	-.323	.200	.331	-1.003
70	417	-.296	.147	.199	-.886
70	418	-.270	.121	.153	-.641
70	419	-.079	.096	.254	-.399
70	420	-.065	.147	.396	-.681
70	421	-.294	.195	.334	-.939
70	422	-.292	.148	.250	-.803
70	423	-.273	.109	.069	-.674
70	424	-.113	.113	.317	-.592
70	425	-.052	.138	.383	-.688
70	426	-.306	.212	.461	-1.176
70	427	-.253	.139	.252	-.839
70	428	-.292	.140	.128	-.867
70	429	-.089	.123	.294	-.486
70	430	-.066	.142	.488	-.841
70	431	-.299	.175	.336	-1.030
70	432	-.254	.150	.241	-.917
70	433	-.248	.126	.224	-.786
70	434	-.092	.112	.283	-.467
70	435	-.055	.108	.273	-.625
70	436	-.310	.180	.271	-1.151
70	437	-.171	.141	.365	-.762
70	438	-.224	.131	.264	-.760
70	439	-.068	.100	.303	-.483
70	440	-.077	.128	.354	-.705
70	441	-.264	.181	.377	-1.195
70	442	-.092	.133	.366	-.568
70	443	-.125	.105	.193	-.476
70	444	-.065	.113	.286	-.450
70	445	-.049	.121	.319	-.519
70	446	-.207	.148	.265	-.919
70	447	-.026	.109	.300	-.487
70	448	-.094	.111	.246	-.535

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	449	-.021	.106	.296	-.476
70	450	-.028	.119	.352	-.533
70	451	-.088	.110	.263	-.434
70	452	.009	.114	.405	-.382
70	453	.003	.110	.396	-.544
70	454	.032	.118	.446	-.473
70	455	.043	.108	.416	-.343
70	456	.001	.123	.350	-.499
70	457	-.000	.113	.328	-.397
70	458	.061	.119	.541	-.330
70	459	.054	.100	.403	-.309
70	460	.044	.122	.535	-.395
70	461	.077	.132	.708	-.347
70	462	.043	.127	.440	-.427
70	463	.007	.102	.353	-.361
70	501	-.020	.134	.470	-.448
70	502	.114	.133	.614	-.325
70	503	.147	.148	.780	-.345
70	504	.215	.137	.699	-.236
70	505	.064	.170	.685	-.587
70	506	-.265	.178	.349	-.896
70	507	-.348	.136	.132	-.910
70	508	-.186	.103	.186	-.494
70	509	.054	.159	.608	-.430
70	510	.322	.166	.959	-.149
70	511	.431	.170	.982	-.116
70	512	.449	.156	.937	-.093
70	513	.129	.194	.697	-.630
70	514	-.312	.208	.302	-1.005
70	515	-.355	.164	.066	-1.040
70	516	-.184	.110	.130	-.620
70	517	.047	.148	.599	-.432
70	518	.338	.157	.907	-.172
70	519	.453	.179	.965	-.100
70	520	.428	.176	.977	-.070
70	521	.126	.193	.987	-.572
70	522	-.296	.220	.340	-1.207
70	523	-.364	.167	.223	-.940
70	524	-.207	.119	.223	-.652
70	525	.026	.160	.675	-.595
70	526	.301	.151	.927	-.133
70	527	.384	.150	1.001	-.093
70	528	.386	.137	1.024	-.021
70	529	.101	.194	.852	-.566
70	530	-.360	.229	.416	-1.273
70	531	-.442	.169	.124	-1.149
70	532	-.212	.128	.228	-.763
70	533	.057	.148	.617	-.418
70	534	.312	.137	.896	-.076
70	535	.380	.134	.831	-.054

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	536	.367	.148	.875	-.134
70	537	.112	.184	.750	-.507
70	538	-.373	.238	.316	-1.307
70	539	-.467	.168	.019	-1.060
70	540	-.267	.134	.172	-.893
70	541	.033	.149	.829	-.599
70	542	.289	.144	.791	-.135
70	543	.352	.137	.881	-.020
70	544	.333	.146	.849	-.108
70	545	.094	.191	.711	-.628
70	546	-.364	.222	.370	-1.422
70	547	-.466	.166	.064	-1.247
70	548	-.309	.136	.165	-.941
70	549	.013	.142	.491	-.631
70	550	.240	.150	.774	-.233
70	551	.295	.143	.853	-.092
70	552	.288	.149	.903	-.178
70	553	.094	.171	.647	-.472
70	554	-.283	.204	.341	-1.311
70	555	-.407	.157	.016	-1.153
70	556	-.328	.132	.038	-.843
70	557	-.007	.131	.517	-.450
70	558	.159	.136	.620	-.263
70	559	.202	.128	.602	-.217
70	560	.231	.137	.688	-.253
70	561	.141	.157	.650	-.438
70	562	-.167	.205	.440	-.859
70	563	-.337	.169	.157	-.884
70	564	-.302	.146	.270	-.917
70	565	-.054	.136	.423	-.555
70	566	.043	.118	.520	-.424
70	567	.056	.110	.481	-.366
70	568	.095	.122	.551	-.343
70	569	.103	.149	.696	-.381
70	570	-.034	.161	.514	-.557
70	571	-.191	.130	.214	-.653
70	572	-.261	.134	.149	-.789
70	573	-.032	.116	.347	-.410
70	574	.017	.114	.407	-.379
70	575	.014	.107	.403	-.351
70	576	.065	.121	.486	-.361
70	577	.082	.144	.597	-.429
70	578	.022	.145	.564	-.545
70	579	-.124	.114	.296	-.566
70	580	-.214	.123	.219	-.722
70	581	.111	.141	.696	-.413
70	582	.027	.125	.566	-.377
70	583	.141	.129	.554	-.381
70	584	.061	.110	.429	-.310
70	585	.044	.120	.475	-.382

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	586	.038	.122	.471	-.390
70	587	-.011	.121	.418	-.368
70	588	-.088	.104	.300	-.402
70	589	-.133	.120	.324	-.533
70	590	.118	.120	.630	-.342
70	591	.017	.130	.461	-.425
70	592	.093	.128	.533	-.328
70	593	-.024	.117	.330	-.405
70	594	-.055	.123	.384	-.458
70	595	-.098	.125	.346	-.488
80	1	-.294	.163	.291	-.936
80	2	-.413	.144	.089	-.989
80	3	-.192	.160	.378	-.780
80	4	-.431	.183	.121	-1.189
80	5	-.215	.166	.405	-.953
80	6	-.325	.155	.257	-.870
80	7	-.090	.151	.439	-.603
80	8	-.100	.152	.460	-.724
80	9	-.456	.164	.047	-1.131
80	10	-.459	.146	-.000	-.932
80	11	-.449	.161	.052	-1.044
80	12	-.439	.158	.036	-.946
80	13	-.385	.162	.213	-.910
80	14	-.432	.149	.140	-.961
80	15	-.181	.131	.304	-.636
80	16	-.150	.130	.312	-.613
80	17	-.225	.147	.287	-.707
80	18	-.342	.141	.111	-.824
80	19	.168	.132	.673	-.213
80	20	.059	.139	.507	-.548
80	101	-.191	.138	.231	-.759
80	102	-.203	.127	.187	-.775
80	103	-.201	.161	.382	-1.047
80	104	-.184	.161	.357	-1.028
80	105	-.171	.148	.279	-1.485
80	106	-.176	.118	.275	-.698
80	107	-.186	.128	.192	-.706
80	108	-.169	.126	.240	-.634
80	109	-.183	.134	.330	-.737
80	110	-.191	.118	.232	-.681
80	111	-.183	.129	.292	-.648
80	112	-.185	.130	.317	-.663
80	113	-.181	.130	.281	-.650
80	114	-.186	.115	.215	-.705
80	115	-.187	.130	.289	-.740
80	116	-.172	.128	.277	-.638
80	117	-.162	.127	.265	-.577
80	118	-.183	.115	.189	-.590
80	119	-.201	.131	.306	-.590
80	120	-.183	.128	.298	-.604
80	121	-.153	.130	.247	-.613
80	122	-.166	.115	.200	-.571
80	123	-.166	.129	.259	-.615
80	124	-.145	.126	.269	-.568
80	125	-.165	.133	.257	-.717
80	126	-.216	.126	.187	-.725
80	127	-.215	.144	.279	-.795
80	128	-.171	.138	.209	-.752
80	129	-.152	.130	.281	-.642
80	130	-.173	.113	.210	-.689
80	131	-.163	.124	.251	-.656
80	132	-.147	.124	.237	-.747
80	133	-.203	.143	.221	-.743
80	134	-.217	.124	.154	-.728
80	135	-.187	.138	.179	-.850
80	136	-.154	.129	.241	-.695
80	137	-.183	.131	.234	-.783
80	138	-.201	.113	.170	-.598
80	139	-.204	.140	.243	-.775
80	140	-.265	.154	.262	-.826
80	141	-.240	.143	.245	-.760
80	142	-.234	.124	.159	-.638
80	143	-.216	.143	.210	-.770
80	144	-.200	.144	.264	-.771
80	145	-.191	.137	.250	-.656
80	146	-.220	.124	.183	-.759
80	147	-.315	.162	.199	-.928
80	148	-.281	.157	.200	-.898
80	149	-.242	.145	.239	-1.054
80	150	-.251	.127	.095	-.962
80	151	-.246	.148	.189	-.853
80	152	-.203	.139	.172	-.784
80	153	-.184	.142	.310	-.925
80	154	-.332	.130	.121	-.806
80	155	-.308	.146	.217	-.850
80	156	-.243	.145	.266	-.726
80	157	-.217	.141	.260	-1.017
80	158	-.208	.128	.182	-.725
80	159	-.185	.138	.208	-.707
80	160	-.143	.132	.262	-.720
80	161	-.278	.130	.171	-.920
80	162	-.260	.118	.175	-.789
80	163	-.244	.136	.208	-.864
80	164	-.172	.126	.251	-.611
80	165	-.134	.129	.263	-.658
80	166	-.098	.110	.300	-.533
80	167	-.082	.117	.274	-.509
80	168	-.224	.133	.160	-.775
80	169	-.171	.118	.196	-.580
80	170	-.162	.108	.162	-.634
80	171	-.101	.112	.252	-.535
80	172	-.061	.109	.283	-.395
80	173	-.035	.100	.257	-.354
80	174	-.024	.089	.234	-.334
80	175	-.133	.110	.206	-.593
80	176	-.077	.107	.247	-.501
80	177	-.095	.106	.282	-.483
80	178	-.060	.090	.245	-.338
80	179	-.049	.100	.293	-.360
80	180	-.021	.097	.314	-.333
80	181	-.005	.108	.326	-.414
80	182	-.112	.108	.207	-.617
80	183	-.077	.117	.283	-.626
80	184	-.075	.113	.277	-.542
80	185	-.044	.108	.288	-.379
80	186	-.024	.096	.262	-.324
80	187	-.026	.105	.302	-.371
80	188	-.005	.105	.326	-.359
80	201	-.136	.120	.268	-.583
80	202	-.123	.105	.250	-.475
80	203	-.149	.125	.272	-.598
80	204	-.152	.130	.284	-.661
80	205	-.156	.133	.303	-.853
80	206	-.169	.126	.281	-.961
80	207	-.241	.154	.233	-1.058
80	208	-.307	.162	.167	-1.077
80	209	-.361	.159	.148	-1.100
80	210	-.363	.135	.031	-.888
80	211	-.354	.154	.079	-.956
80	212	-.154	.119	.280	-.581
80	213	-.138	.123	.314	-.690
80	214	-.149	.113	.240	-.626
80	215	-.174	.132	.313	-.765
80	216	-.176	.139	.349	-.828
80	217	-.175	.139	.270	-.868
80	218	-.227	.131	.247	-.818
80	219	-.303	.156	.251	-.955
80	220	-.357	.136	.076	-.999
80	221	-.305	.141	.122	-.845
80	222	-.314	.127	.113	-.788
80	223	-.140	.115	.215	-.555
80	224	-.123	.112	.209	-.520
80	225	-.121	.123	.278	-.630
80	226	-.130	.113	.242	-.629
80	227	-.166	.136	.287	-.733
80	228	-.183	.148	.439	-.634
80	229	-.255	.153	.253	-.968
80	230	-.328	.154	.116	-1.187
80	231	-.414	.192	.164	-1.235
80	232	-.132	.110	.215	-.507

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	233	-.109	.110	.220	-.457
80	234	-.113	.099	.183	-.431
80	235	-.137	.116	.194	-.601
80	236	-.139	.122	.283	-.595
80	237	-.163	.125	.263	-.676
80	238	-.199	.116	.193	-.679
80	239	-.263	.136	.216	-.824
80	240	-.478	.191	.041	-1.183
80	241	-.473	.170	.049	-1.001
80	242	-.121	.110	.255	-.457
80	243	-.110	.107	.242	-.489
80	244	-.136	.099	.184	-.474
80	245	-.136	.113	.219	-.549
80	246	-.119	.114	.259	-.594
80	247	-.151	.119	.248	-.593
80	248	-.213	.112	.168	-.645
80	249	-.263	.136	.158	-.848
80	250	-.474	.211	.089	-1.368
80	251	-.521	.172	-.025	-1.281
80	252	-.176	.112	.197	-.617
80	253	-.164	.121	.271	-.665
80	254	-.134	.123	.301	-1.016
80	255	-.139	.133	.327	-.626
80	256	-.169	.122	.242	-.639
80	257	-.171	.135	.276	-.719
80	258	-.180	.135	.257	-.752
80	259	-.232	.132	.210	-.779
80	260	-.508	.189	.003	-1.395
80	261	-.528	.172	-.002	-1.171
80	262	-.162	.127	.308	-.648
80	263	-.143	.130	.261	-.600
80	264	-.131	.131	.306	-.930
80	265	-.147	.128	.273	-.826
80	266	-.144	.132	.298	-.648
80	267	-.165	.131	.300	-.649
80	268	-.234	.122	.158	-.610
80	269	-.259	.137	.213	-.673
80	270	-.506	.197	.090	-1.229
80	271	-.477	.179	.060	-1.222
80	272	-.215	.126	.199	-.717
80	273	-.167	.134	.255	-.698
80	274	-.129	.135	.281	-.703
80	275	-.134	.136	.374	-.713
80	276	-.192	.128	.297	-.757
80	277	-.175	.134	.350	-.735
80	278	-.140	.126	.340	-.609
80	279	-.190	.143	.275	-.638
80	280	-.536	.199	.001	-1.323
80	281	-.423	.189	.144	-1.107
80	282	-.115	.142	.332	-.598
80	283	-.105	.122	.306	-.550
80	284	-.153	.119	.222	-.596
80	285	-.127	.131	.275	-.613
80	286	-.098	.126	.284	-.564
80	287	-.123	.130	.320	-.700
80	288	-.166	.120	.257	-.623
80	289	-.172	.134	.318	-.678
80	290	-.390	.185	.172	-1.152
80	291	-.297	.171	.308	-1.062
80	292	-.130	.123	.241	-.636
80	293	-.089	.133	.356	-.598
80	294	-.047	.127	.405	-.516
80	295	-.056	.129	.306	-.559
80	296	-.112	.121	.233	-.652
80	297	-.093	.127	.293	-.577
80	298	-.051	.119	.284	-.521
80	299	-.078	.132	.302	-.507
80	300	-.304	.160	.100	-.861
80	301	-.199	.157	.284	-.719
80	302	-.025	.124	.335	-.423
80	303	-.030	.113	.405	-.362
80	304	-.078	.107	.329	-.396
80	305	-.057	.118	.459	-.412
80	306	-.030	.114	.377	-.388
80	307	-.026	.120	.362	-.476
80	308	-.071	.113	.316	-.490
80	309	-.058	.124	.370	-.543
80	310	-.128	.134	.330	-.650
80	311	-.096	.139	.347	-.767
80	312	-.065	.114	.306	-.461
80	313	-.039	.123	.365	-.449
80	314	-.009	.120	.392	-.435
80	315	-.022	.113	.387	-.547
80	316	-.078	.108	.290	-.612
80	317	-.040	.115	.384	-.638
80	318	.015	.110	.420	-.511
80	319	-.014	.113	.363	-.438
80	320	-.087	.117	.310	-.519
80	321	-.020	.123	.367	-.483
80	322	-.001	.119	.435	-.432
80	323	-.003	.119	.475	-.434
80	324	-.056	.114	.399	-.468
80	325	-.048	.125	.490	-.495
80	326	.024	.117	.576	-.381
80	327	.024	.118	.381	-.414
80	328	-.076	.118	.295	-.554
80	329	-.032	.128	.358	-.478
80	401	-.369	.162	.104	-.947
80	402	-.191	.133	.205	-.682
80	403	-.083	.122	.343	-.511
80	404	-.026	.134	.425	-.500
80	405	-.131	.198	.459	-1.026
80	406	-.346	.164	.254	-.946
80	407	-.272	.173	.413	-.826
80	408	-.287	.145	.189	-.770
80	409	.016	.137	.508	-.426
80	410	.090	.133	.600	-.340
80	411	-.120	.192	.565	-.816
80	412	-.357	.183	.296	-.997
80	413	-.308	.139	.160	-.759
80	414	-.010	.110	.430	-.374
80	415	.101	.101	.518	-.224
80	416	-.091	.178	.657	-.627
80	417	-.347	.178	.276	-1.045
80	418	-.304	.125	.122	-.753
80	419	-.015	.095	.305	-.382
80	420	.044	.119	.479	-.518
80	421	-.091	.186	.537	-.874
80	422	-.304	.172	.236	-1.140
80	423	-.257	.118	.089	-.691
80	424	-.065	.115	.354	-.503
80	425	.035	.119	.536	-.585
80	426	-.103	.196	.466	-.940
80	427	-.228	.145	.316	-.729
80	428	-.313	.148	.244	-.811
80	429	-.035	.114	.366	-.467
80	430	.046	.123	.475	-.505
80	431	-.077	.170	.472	-.835
80	432	-.178	.162	.377	-.856
80	433	-.205	.137	.192	-.770
80	434	-.023	.119	.377	-.464
80	435	.043	.109	.431	-.450
80	436	-.137	.187	.423	-.862
80	437	-.091	.146	.363	-.743
80	438	-.162	.132	.238	-.608
80	439	.002	.097	.315	-.379
80	440	-.008	.117	.376	-.442
80	441	-.120	.173	.426	-.779
80	442	-.039	.121	.411	-.459
80	443	-.063	.095	.316	-.401
80	444	-.020	.103	.379	-.382
80	445	.014	.102	.408	-.386
80	446	-.083	.132	.339	-.512
80	447	.008	.099	.332	-.357
80	448	-.061	.112	.326	-.475
80	449	.014	.103	.388	-.373
80	450	.028	.106	.387	-.381
80	451	-.005	.102	.309	-.377
80	452	.037	.113	.380	-.419
80	453	.045	.107	.422	-.350

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	454	.094	.110	.432	-.238
80	455	.123	.097	.433	-.172
80	456	.072	.114	.476	-.299
80	457	.040	.109	.406	-.307
80	458	.098	.117	.547	-.261
80	459	.089	.097	.455	-.221
80	460	.081	.117	.522	-.261
80	461	.126	.119	.528	-.233
80	462	.108	.121	.572	-.386
80	463	.078	.105	.501	-.295
80	501	.072	.150	.622	-.426
80	502	.151	.145	.671	-.328
80	503	.161	.146	.659	-.408
80	504	.202	.133	.647	-.236
80	505	-.072	.162	.442	-.572
80	506	-.383	.152	.110	-.962
80	507	-.393	.154	.122	-.950
80	508	-.191	.111	.172	-.706
80	509	.203	.161	.731	-.241
80	510	.393	.169	.924	-.117
80	511	.392	.166	1.131	-.199
80	512	.359	.142	.949	-.155
80	513	-.079	.171	.499	-.834
80	514	-.414	.189	.235	-1.089
80	515	-.391	.185	.152	-1.158
80	516	-.183	.118	.239	-.629
80	517	.189	.158	.712	-.284
80	518	.383	.168	.994	-.100
80	519	.455	.168	1.054	-.047
80	520	.366	.156	.930	-.084
80	521	-.066	.185	.539	-.740
80	522	-.432	.209	.281	-1.216
80	523	-.416	.211	.169	-1.328
80	524	-.221	.135	.245	-.851
80	525	.170	.158	.724	-.662
80	526	.389	.157	.926	-.233
80	527	.387	.154	.956	-.121
80	528	.339	.133	.855	-.092
80	529	-.068	.196	.585	-.807
80	530	-.428	.216	.170	-1.273
80	531	-.417	.184	.116	-1.089
80	532	-.244	.148	.370	-.996
80	533	.173	.155	.918	-.349
80	534	.362	.156	.956	-.124
80	535	.363	.152	.927	-.138
80	536	.294	.160	.984	-.238
80	537	-.089	.188	.669	-.999
80	538	-.483	.230	.136	-1.364
80	539	-.462	.197	.035	-1.146
80	540	-.264	.154	.200	-1.052
80	541	.163	.142	.677	-.245
80	542	.311	.151	.855	-.170
80	543	.312	.143	.755	-.126
80	544	.256	.153	.839	-.207
80	545	-.088	.188	.531	-.881
80	546	-.449	.222	.203	-1.225
80	547	-.457	.185	.102	-1.157
80	548	-.267	.153	.274	-.968
80	549	.097	.141	.644	-.319
80	550	.256	.143	.796	-.196
80	551	.274	.142	.830	-.161
80	552	.242	.158	.870	-.276
80	553	-.038	.175	.557	-.786
80	554	-.425	.219	.249	-1.306
80	555	-.462	.171	-.014	-1.202
80	556	-.294	.149	.183	-.923
80	557	.068	.122	.482	-.407
80	558	.200	.135	.696	-.308
80	559	.215	.140	.845	-.211
80	560	.195	.161	.877	-.254
80	561	.012	.178	.630	-1.110
80	562	-.314	.193	.327	-1.015
80	563	-.400	.150	-.023	-.963
80	564	-.304	.130	.100	-.731
80	565	.017	.117	.413	-.406
80	566	.066	.113	.443	-.327
80	567	.046	.105	.420	-.337
80	568	.017	.121	.456	-.414
80	569	-.031	.145	.499	-.543
80	570	-.153	.155	.403	-.745
80	571	-.237	.121	.116	-.712
80	572	-.271	.121	.154	-.691
80	573	.017	.118	.506	-.394
80	574	.040	.106	.397	-.308
80	575	.007	.099	.338	-.332
80	576	.001	.117	.399	-.424
80	577	-.014	.149	.551	-.558
80	578	-.095	.153	.409	-.683
80	579	-.179	.117	.164	-.614
80	580	-.203	.127	.214	-.634
80	581	.066	.112	.431	-.438
80	582	.092	.127	.475	-.344
80	583	.146	.139	.632	-.428
80	584	.115	.117	.479	-.308
80	585	.075	.129	.480	-.409
80	586	-.001	.131	.451	-.580
80	587	-.054	.128	.373	-.618
80	588	-.095	.112	.254	-.513
80	589	-.119	.128	.291	-.569
80	590	.137	.131	.594	-.328
80	591	.085	.131	.611	-.416
80	592	.125	.127	.642	-.305
80	593	-.067	.108	.343	-.461
80	594	-.065	.115	.328	-.433
80	595	-.078	.110	.293	-.432
90	1	-.279	.160	.354	-.983
90	2	-.371	.144	.096	-1.011
90	3	-.217	.150	.291	-.864
90	4	-.357	.152	.097	-.988
90	5	-.251	.164	.309	-.804
90	6	-.366	.156	.125	-1.084
90	7	-.115	.146	.444	-.614
90	8	-.134	.149	.369	-.709
90	9	-.442	.162	.056	-.990
90	10	-.465	.146	-.015	-.918
90	11	-.439	.158	.085	-.926
90	12	-.426	.154	.041	-.994
90	13	-.377	.149	.054	-.901
90	14	-.430	.141	-.023	-1.001
90	15	-.186	.122	.254	-.658
90	16	-.155	.121	.247	-.661
90	17	-.205	.143	.354	-.771
90	18	-.390	.138	.062	-.950
90	19	.142	.127	.701	-.340
90	20	.101	.124	.526	-.430
90	101	-.199	.135	.275	-.820
90	102	-.211	.123	.218	-.777
90	103	-.196	.143	.235	-1.181
90	104	-.168	.137	.234	-1.029
90	105	-.153	.123	.237	-1.161
90	106	-.179	.109	.117	-.773
90	107	-.180	.115	.180	-.577
90	108	-.159	.109	.169	-.554
90	109	-.162	.116	.256	-.574
90	110	-.188	.104	.227	-.553
90	111	-.179	.121	.300	-.599
90	112	-.164	.124	.260	-.603
90	113	-.168	.122	.191	-.686
90	114	-.192	.108	.128	-.646
90	115	-.177	.115	.196	-.697
90	116	-.154	.111	.184	-.607
90	117	-.148	.118	.223	-.602
90	118	-.176	.108	.155	-.591
90	119	-.189	.138	.257	-.855
90	120	-.166	.130	.267	-.792
90	121	-.159	.123	.256	-.659
90	122	-.184	.104	.198	-.598
90	123	-.172	.115	.267	-.633
90	124	-.143	.112	.308	-.517
90	125	-.156	.117	.265	-.614

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	126	-.207	.118	.160	-.616
90	127	-.208	.135	.253	-.821
90	128	-.174	.128	.272	-.591
90	129	-.165	.125	.316	-.678
90	130	-.193	.109	.235	-.674
90	131	-.174	.120	.281	-.669
90	132	-.149	.121	.319	-.633
90	133	-.202	.149	.284	-.907
90	134	-.224	.126	.161	-.782
90	135	-.200	.140	.216	-.991
90	136	-.166	.124	.220	-.609
90	137	-.175	.125	.210	-.675
90	138	-.199	.109	.122	-.555
90	139	-.188	.127	.213	-.743
90	140	-.226	.155	.213	-.891
90	141	-.203	.135	.185	-.785
90	142	-.223	.118	.157	-.736
90	143	-.201	.129	.153	-.712
90	144	-.176	.123	.197	-.674
90	145	-.161	.125	.210	-.643
90	146	-.198	.117	.111	-.822
90	147	-.242	.156	.263	-.911
90	148	-.211	.151	.232	-.859
90	149	-.225	.158	.314	-1.229
90	150	-.256	.136	.183	-1.015
90	151	-.239	.146	.272	-.874
90	152	-.198	.136	.288	-.941
90	153	-.174	.132	.219	-.710
90	154	-.304	.138	.091	-.998
90	155	-.258	.150	.192	-1.042
90	156	-.224	.153	.208	-1.029
90	157	-.235	.169	.270	-1.216
90	158	-.220	.138	.243	-1.078
90	159	-.216	.145	.260	-.871
90	160	-.187	.142	.257	-.694
90	161	-.255	.141	.227	-.844
90	162	-.226	.123	.212	-.693
90	163	-.231	.146	.266	-.814
90	164	-.186	.145	.332	-.887
90	165	-.174	.144	.318	-1.268
90	166	-.132	.117	.302	-.585
90	167	-.123	.132	.260	-.691
90	168	-.205	.123	.143	-.646
90	169	-.175	.128	.304	-.707
90	170	-.173	.127	.212	-.804
90	171	-.156	.140	.307	-1.539
90	172	-.123	.138	.335	-1.342
90	173	-.088	.117	.272	-.632
90	174	-.052	.099	.281	-.395
90	175	-.143	.118	.214	-.582

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	176	-.093	.114	.283	-.533
90	177	-.098	.115	.254	-.544
90	178	-.069	.099	.224	-.464
90	179	-.068	.111	.284	-.505
90	180	-.034	.107	.272	-.453
90	181	-.009	.101	.365	-.393
90	182	-.106	.103	.331	-.552
90	183	-.090	.115	.477	-.619
90	184	-.091	.116	.403	-.723
90	185	-.066	.105	.297	-.418
90	186	-.032	.092	.281	-.352
90	187	-.038	.102	.330	-.395
90	188	-.013	.103	.370	-.348
90	201	-.136	.126	.295	-.705
90	202	-.123	.109	.261	-.518
90	203	-.161	.132	.342	-.650
90	204	-.159	.135	.333	-.650
90	205	-.171	.146	.362	-.904
90	206	-.164	.132	.310	-.770
90	207	-.223	.168	.405	-.875
90	208	-.320	.177	.227	-1.354
90	209	-.393	.170	.106	-.994
90	210	-.385	.137	.133	-.856
90	211	-.394	.153	.180	-.985
90	212	-.137	.122	.321	-.549
90	213	-.142	.119	.248	-.532
90	214	-.145	.109	.211	-.552
90	215	-.174	.131	.253	-.699
90	216	-.171	.134	.262	-.726
90	217	-.164	.139	.284	-.676
90	218	-.209	.134	.320	-.748
90	219	-.321	.166	.276	-1.015
90	220	-.385	.150	.012	-.967
90	221	-.365	.148	.108	-.841
90	222	-.366	.134	.048	-.824
90	223	-.152	.120	.228	-.692
90	224	-.165	.118	.237	-.686
90	225	-.123	.116	.243	-.508
90	226	-.122	.105	.212	-.472
90	227	-.174	.126	.286	-.613
90	228	-.180	.134	.246	-.765
90	229	-.257	.153	.329	-1.005
90	230	-.341	.155	.098	-1.001
90	231	-.558	.194	.163	-1.390
90	232	-.141	.109	.231	-.663
90	233	-.123	.121	.220	-.507
90	234	-.122	.110	.185	-.496
90	235	-.145	.127	.239	-.565
90	236	-.146	.128	.224	-.593
90	237	-.167	.123	.254	-.647

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	238	-.193	.114	.143	-.663
90	239	-.275	.139	.141	-.797
90	240	-.629	.214	.008	-1.673
90	241	-.467	.179	.054	-1.166
90	242	-.130	.099	.170	-.442
90	243	-.135	.112	.250	-.633
90	244	-.160	.103	.183	-.621
90	245	-.210	.120	.176	-.705
90	246	-.143	.114	.232	-.586
90	247	-.170	.113	.208	-.575
90	248	-.218	.108	.134	-.612
90	249	-.350	.138	.134	-.924
90	250	-.638	.210	-.062	-1.368
90	251	-.412	.194	.178	-1.163
90	252	-.176	.112	.158	-.615
90	253	-.239	.130	.129	-.837
90	254	-.140	.125	.229	-.764
90	255	-.147	.122	.236	-.702
90	256	-.184	.111	.174	-.635
90	257	-.296	.128	.137	-.755
90	258	-.180	.118	.217	-.615
90	259	-.209	.128	.320	-.702
90	260	-.659	.206	.041	-1.383
90	261	-.586	.198	.007	-1.251
90	262	-.175	.127	.408	-.796
90	263	-.164	.121	.189	-.670
90	264	-.150	.125	.243	-.981
90	265	-.137	.133	.298	-.725
90	266	-.154	.135	.237	-.702
90	267	-.191	.134	.309	-.698
90	268	-.215	.122	.251	-.628
90	269	-.238	.139	.282	-.714
90	270	-.529	.221	.134	-1.508
90	271	-.414	.214	.151	-1.198
90	272	-.245	.146	.172	-.923
90	273	-.215	.157	.195	-1.001
90	274	-.169	.156	.237	-1.138
90	275	-.163	.151	.372	-.831
90	276	-.214	.142	.270	-.867
90	277	-.202	.143	.316	-.737
90	278	-.136	.129	.330	-.534
90	279	-.183	.173	.179	-.669
90	280	-.534	.209	-.044	-1.374
90	281	-.357	.194	.196	-1.101
90	282	-.167	.144	.259	-.934
90	283	-.163	.152	.282	-.956
90	284	-.206	.159	.246	-1.203
90	285	-.189	.159	.311	-.882
90	286	-.157	.154	.318	-.814
90	287	-.158	.142	.303	-.751

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	288	-.157	.124	.264	-.657
90	289	-.159	.138	.307	-.667
90	290	-.357	.197	.228	-1.090
90	291	-.225	.171	.309	-.904
90	292	-.156	.134	.267	-.680
90	293	-.130	.151	.382	-.854
90	294	-.089	.150	.467	-.696
90	295	-.095	.142	.439	-.728
90	296	-.144	.135	.376	-.726
90	297	-.130	.134	.454	-.667
90	298	-.058	.121	.464	-.539
90	299	-.082	.128	.299	-.535
90	300	-.326	.168	.124	-1.032
90	301	-.184	.156	.296	-.747
90	302	-.058	.124	.372	-.505
90	303	-.062	.130	.327	-.754
90	304	-.097	.123	.281	-.627
90	305	-.088	.135	.295	-.632
90	306	-.054	.131	.305	-.566
90	307	-.044	.115	.276	-.497
90	308	-.067	.105	.251	-.468
90	309	-.059	.116	.316	-.474
90	310	-.140	.144	.285	-.778
90	311	-.066	.123	.310	-.666
90	312	-.071	.109	.278	-.493
90	313	-.060	.121	.313	-.604
90	314	-.025	.120	.321	-.467
90	315	-.021	.119	.375	-.488
90	316	-.065	.113	.302	-.535
90	317	-.036	.118	.354	-.426
90	318	.020	.112	.381	-.358
90	319	.015	.110	.436	-.339
90	320	-.079	.115	.330	-.533
90	321	-.006	.122	.476	-.445
90	322	-.016	.117	.492	-.692
90	323	-.014	.121	.380	-.472
90	324	-.059	.117	.391	-.608
90	325	-.058	.128	.364	-.576
90	326	.015	.115	.393	-.356
90	327	.019	.116	.434	-.433
90	328	-.080	.114	.313	-.519
90	329	-.015	.123	.407	-.408
90	401	-.423	.157	.058	-1.239
90	402	-.142	.144	.293	-.625
90	403	.010	.136	.424	-.402
90	404	.072	.150	.563	-.340
90	405	.095	.190	.608	-.540
90	406	-.382	.155	.211	-.947
90	407	-.213	.171	.367	-.774
90	408	-.208	.139	.318	-.791
90	409	.114	.144	.693	-.412
90	410	.226	.147	.704	-.268
90	411	.175	.187	.733	-.650
90	412	-.239	.230	.469	-1.024
90	413	-.208	.156	.305	-.764
90	414	.094	.119	.550	-.364
90	415	.220	.111	.664	-.134
90	416	.143	.187	.789	-.663
90	417	-.272	.205	.475	-1.022
90	418	-.226	.152	.271	-.757
90	419	.093	.117	.590	-.325
90	420	.154	.144	.729	-.323
90	421	.128	.196	.777	-.614
90	422	-.202	.182	.428	-.783
90	423	-.166	.125	.245	-.629
90	424	.029	.128	.659	-.455
90	425	.141	.129	.769	-.286
90	426	.091	.190	.710	-.584
90	427	-.127	.147	.320	-.771
90	428	-.229	.152	.311	-.773
90	429	.037	.119	.448	-.419
90	430	.116	.120	.599	-.256
90	431	.076	.148	.565	-.488
90	432	-.134	.153	.396	-.789
90	433	-.147	.135	.382	-.624
90	434	.035	.117	.413	-.319
90	435	.116	.103	.435	-.184
90	436	.004	.161	.479	-.561
90	437	-.056	.136	.384	-.643
90	438	-.097	.127	.372	-.490
90	439	.081	.101	.438	-.278
90	440	.067	.126	.561	-.367
90	441	.047	.150	.612	-.454
90	442	-.002	.128	.431	-.645
90	443	-.005	.105	.376	-.421
90	444	.026	.116	.484	-.398
90	445	.068	.113	.482	-.331
90	446	.048	.124	.519	-.487
90	447	.047	.096	.387	-.276
90	448	-.027	.112	.355	-.364
90	449	.059	.105	.424	-.244
90	450	.074	.109	.492	-.269
90	451	.090	.098	.434	-.217
90	452	.034	.111	.451	-.352
90	453	.060	.105	.433	-.276
90	454	.121	.105	.525	-.242
90	455	.164	.092	.515	-.160
90	456	.101	.109	.499	-.261
90	457	.062	.111	.473	-.358
90	458	.109	.114	.496	-.292
90	459	.119	.094	.391	-.237
90	460	.093	.114	.518	-.299
90	461	.146	.112	.484	-.256
90	462	.137	.113	.549	-.222
90	463	.138	.096	.519	-.227
90	501	.161	.149	.727	-.317
90	502	.182	.140	.778	-.222
90	503	.171	.143	.676	-.270
90	504	.195	.129	.623	-.224
90	505	-.164	.154	.340	-.689
90	506	-.332	.144	.212	-.853
90	507	-.298	.144	.164	-.943
90	508	-.207	.128	.205	-.730
90	509	.336	.162	1.014	-.086
90	510	.450	.162	1.052	-.005
90	511	.463	.162	1.010	.008
90	512	.378	.138	.879	.008
90	513	-.207	.163	.362	-.788
90	514	-.299	.170	.194	-1.062
90	515	-.234	.166	.261	-1.039
90	516	-.168	.132	.249	-.741
90	517	.323	.171	1.030	-.260
90	518	.433	.172	1.095	-.053
90	519	.416	.161	.956	-.150
90	520	.282	.149	.801	-.230
90	521	-.173	.172	.392	-.792
90	522	-.289	.173	.161	-1.037
90	523	-.236	.173	.285	-1.024
90	524	-.325	.142	.150	-.815
90	525	.300	.171	.874	-.161
90	526	.420	.174	.973	-.102
90	527	.407	.166	1.072	-.114
90	528	.323	.142	.840	-.160
90	529	-.142	.153	.332	-.894
90	530	-.236	.171	.271	-1.163
90	531	-.232	.144	.176	-.975
90	532	-.335	.152	.158	-1.117
90	533	.278	.146	.833	-.287
90	534	.405	.153	.961	-.078
90	535	.365	.143	.828	-.069
90	536	.150	.159	.627	-.310
90	537	-.136	.164	.405	-.765
90	538	-.262	.173	.264	-.986
90	539	-.254	.146	.179	-.852
90	540	-.366	.156	.078	-1.031
90	541	.242	.144	.831	-.217
90	542	.337	.146	.859	-.054
90	543	.305	.137	.772	-.092
90	544	.107	.150	.619	-.428
90	545	-.161	.161	.317	-.927

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	546	-.326	.179	.147	-1.094
90	547	-.313	.153	.148	-.958
90	548	-.372	.162	.182	-1.081
90	549	.194	.141	.800	-.229
90	550	.234	.137	.797	-.201
90	551	.199	.126	.699	-.180
90	552	.002	.143	.600	-.418
90	553	-.171	.165	.373	-1.013
90	554	-.356	.185	.096	-1.154
90	555	-.343	.155	.062	-.975
90	556	-.405	.169	.123	-1.123
90	557	.142	.116	.520	-.311
90	558	.179	.128	.695	-.202
90	559	.140	.116	.640	-.220
90	560	-.054	.136	.549	-.535
90	561	-.147	.172	.431	-.756
90	562	-.346	.176	.160	-.972
90	563	-.352	.151	.047	-.857
90	564	-.429	.161	.063	-1.063
90	565	.098	.114	.487	-.336
90	566	.081	.120	.516	-.351
90	567	.030	.107	.456	-.366
90	568	-.151	.125	.362	-.634
90	569	-.154	.148	.349	-.675
90	570	-.330	.178	.202	-1.125
90	571	-.349	.140	.043	-.968
90	572	-.415	.144	.063	-1.021
90	573	.069	.112	.462	-.421
90	574	.058	.106	.413	-.323
90	575	-.002	.096	.322	-.323
90	576	-.162	.114	.230	-.525
90	577	-.167	.141	.336	-.675
90	578	-.244	.153	.236	-.889
90	579	-.266	.125	.131	-.787
90	580	-.196	.132	.198	-.657
90	581	.041	.116	.423	-.402
90	582	.112	.117	.484	-.329
90	583	.060	.133	.529	-.532
90	584	.095	.108	.494	-.378
90	585	.041	.123	.520	-.489
90	586	-.096	.135	.425	-.671
90	587	-.136	.122	.240	-.645
90	588	-.139	.105	.201	-.547
90	589	-.123	.115	.278	-.574
90	590	.081	.123	.526	-.295
90	591	.123	.114	.665	-.392
90	592	.128	.128	.597	-.264
90	593	-.145	.115	.282	-.687
90	594	-.102	.127	.344	-.579
90	595	-.080	.117	.357	-.512

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	1	-.276	.154	.267	-1.022
100	2	-.377	.143	.150	-.923
100	3	-.229	.157	.489	-.898
100	4	-.339	.150	.116	-1.101
100	5	-.264	.152	.225	-.824
100	6	-.359	.153	.113	-.931
100	7	-.148	.138	.387	-.795
100	8	-.184	.160	.300	-.875
100	9	-.369	.152	.129	-.968
100	10	-.410	.140	.080	-.928
100	11	-.379	.149	.168	-.994
100	12	-.361	.146	.118	-.976
100	13	-.395	.145	.213	-.802
100	14	-.354	.134	.125	-.812
100	15	-.176	.119	.187	-.601
100	16	-.134	.118	.284	-.561
100	17	-.142	.121	.258	-.599
100	18	-.304	.142	.174	-.890
100	19	.065	.126	.592	-.349
100	20	.033	.125	.568	-.422
100	101	-.199	.138	.371	-.809
100	102	-.223	.124	.251	-.821
100	103	-.207	.135	.268	-.716
100	104	-.165	.128	.225	-.655
100	105	-.142	.118	.237	-.567
100	106	-.177	.107	.199	-.580
100	107	-.189	.114	.277	-.727
100	108	-.155	.109	.188	-.576
100	109	-.144	.113	.206	-.576
100	110	-.178	.103	.135	-.561
100	111	-.167	.118	.218	-.681
100	112	-.145	.117	.255	-.544
100	113	-.183	.128	.207	-.609
100	114	-.217	.115	.125	-.608
100	115	-.202	.128	.228	-.647
100	116	-.165	.125	.232	-.606
100	117	-.151	.112	.280	-.589
100	118	-.185	.105	.218	-.602
100	119	-.189	.121	.263	-.669
100	120	-.169	.117	.272	-.582
100	121	-.166	.116	.283	-.580
100	122	-.199	.101	.225	-.539
100	123	-.184	.111	.257	-.531
100	124	-.145	.109	.261	-.545
100	125	-.138	.116	.244	-.583
100	126	-.204	.119	.150	-.829
100	127	-.202	.131	.172	-.747
100	128	-.163	.125	.201	-.646
100	129	-.154	.122	.268	-.697
100	130	-.186	.107	.193	-.636

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	131	-.166	.120	.263	-.604
100	132	-.137	.118	.275	-.587
100	133	-.181	.139	.274	-.711
100	134	-.229	.126	.161	-.804
100	135	-.209	.136	.216	-.772
100	136	-.164	.122	.230	-.636
100	137	-.159	.111	.284	-.639
100	138	-.183	.100	.202	-.600
100	139	-.174	.116	.245	-.757
100	140	-.175	.142	.320	-.976
100	141	-.202	.143	.258	-.831
100	142	-.237	.126	.133	-.807
100	143	-.215	.132	.169	-.794
100	144	-.176	.122	.221	-.686
100	145	-.177	.119	.171	-.807
100	146	-.230	.116	.110	-.768
100	147	-.258	.167	.180	-1.118
100	148	-.219	.156	.287	-.932
100	149	-.204	.161	.416	-.964
100	150	-.236	.133	.213	-.907
100	151	-.215	.134	.262	-.791
100	152	-.173	.124	.295	-.633
100	153	-.197	.142	.258	-.929
100	154	-.268	.139	.153	-.860
100	155	-.244	.153	.271	-.851
100	156	-.209	.153	.232	-.892
100	157	-.169	.139	.201	-.795
100	158	-.154	.119	.197	-.635
100	159	-.175	.127	.200	-.702
100	160	-.171	.131	.210	-.938
100	161	-.215	.152	.254	-1.063
100	162	-.192	.134	.209	-.925
100	163	-.229	.168	.201	-1.575
100	164	-.207	.157	.289	-1.259
100	165	-.173	.141	.282	-.673
100	166	-.137	.118	.238	-.813
100	167	-.160	.138	.242	-.785
100	168	-.188	.137	.272	-.718
100	169	-.168	.135	.223	-.648
100	170	-.172	.133	.212	-.850
100	171	-.203	.155	.298	-1.494
100	172	-.171	.142	.223	-.989
100	173	-.132	.129	.444	-.876
100	174	-.093	.113	.272	-.713
100	175	-.158	.125	.321	-.579
100	176	-.124	.123	.377	-.514
100	177	-.136	.134	.272	-.738
100	178	-.105	.109	.252	-.587
100	179	-.126	.122	.328	-.636
100	180	-.086	.121	.294	-.617

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	181	-.052	.126	.326	-.628
100	182	-.104	.116	.228	-.576
100	183	-.121	.129	.241	-.688
100	184	-.127	.135	.250	-.779
100	185	-.101	.118	.407	-.499
100	186	-.070	.103	.291	-.457
100	187	-.088	.114	.281	-.549
100	188	-.057	.117	.301	-.523
100	201	-.133	.124	.260	-.621
100	202	-.118	.112	.267	-.596
100	203	-.189	.138	.242	-.839
100	204	-.175	.136	.225	-.825
100	205	-.173	.128	.243	-.713
100	206	-.156	.113	.211	-.564
100	207	-.168	.132	.249	-.749
100	208	-.224	.157	.281	-.844
100	209	-.327	.177	.274	-1.086
100	210	-.325	.153	.134	-.951
100	211	-.366	.169	.132	-1.120
100	212	-.142	.125	.238	-.617
100	213	-.135	.119	.290	-.526
100	214	-.154	.121	.218	-.644
100	215	-.221	.150	.224	-.937
100	216	-.221	.155	.253	-.933
100	217	-.197	.138	.271	-.640
100	218	-.154	.125	.194	-.608
100	219	-.280	.175	.281	-1.013
100	220	-.348	.143	.060	-.833
100	221	-.358	.154	.169	-.995
100	222	-.355	.141	.164	-.854
100	223	-.162	.123	.200	-.585
100	224	-.141	.121	.226	-.556
100	225	-.126	.123	.282	-.616
100	226	-.112	.112	.242	-.562
100	227	-.178	.132	.234	-.732
100	228	-.153	.127	.273	-.652
100	229	-.155	.131	.248	-.615
100	230	-.184	.133	.174	-.724
100	231	-.529	.198	.027	-1.335
100	232	-.144	.122	.225	-.605
100	233	-.129	.116	.260	-.558
100	234	-.109	.104	.242	-.504
100	235	-.155	.119	.248	-.592
100	236	-.146	.119	.275	-.553
100	237	-.147	.108	.217	-.517
100	238	-.113	.099	.167	-.463
100	239	-.193	.126	.164	-.649
100	240	-.553	.210	.034	-1.285
100	241	-.233	.173	.225	-1.048
100	242	-.117	.104	.163	-.530
100	243	-.137	.113	.233	-.562
100	244	-.112	.100	.208	-.481
100	245	-.143	.114	.217	-.581
100	246	-.139	.113	.211	-.564
100	247	-.147	.123	.229	-.626
100	248	-.101	.112	.262	-.554
100	249	-.152	.137	.317	-.676
100	250	-.491	.245	.146	-1.439
100	251	-.219	.185	.303	-1.010
100	252	-.142	.105	.227	-.497
100	253	-.165	.119	.238	-.552
100	254	-.154	.119	.231	-.722
100	255	-.152	.122	.248	-.709
100	256	-.137	.106	.232	-.506
100	257	-.186	.121	.238	-.654
100	258	-.128	.117	.266	-.599
100	259	-.139	.122	.246	-.549
100	260	-.418	.191	.080	-1.190
100	261	-.200	.181	.324	-.990
100	262	-.191	.133	.273	-.781
100	263	-.187	.133	.205	-.886
100	264	-.165	.132	.218	-.823
100	265	-.161	.146	.248	-.734
100	266	-.199	.133	.250	-.674
100	267	-.181	.124	.220	-.611
100	268	-.156	.114	.206	-.579
100	269	-.148	.130	.267	-.609
100	270	-.357	.196	.140	-1.097
100	271	-.139	.184	.421	-.860
100	272	-.238	.130	.082	-1.111
100	273	-.214	.138	.144	-.928
100	274	-.172	.136	.198	-.881
100	275	-.182	.154	.311	-.908
100	276	-.226	.146	.229	-.967
100	277	-.199	.144	.272	-.719
100	278	-.098	.130	.321	-.575
100	279	-.098	.134	.291	-.581
100	280	-.329	.179	.146	-1.139
100	281	-.135	.174	.391	-.822
100	282	-.182	.164	.270	-.971
100	283	-.204	.176	.244	-1.328
100	284	-.242	.164	.185	-1.153
100	285	-.230	.174	.234	-.951
100	286	-.197	.173	.263	-.913
100	287	-.178	.139	.197	-.747
100	288	-.145	.116	.179	-.546
100	289	-.128	.128	.253	-.626
100	290	-.254	.174	.259	-1.008
100	291	-.081	.155	.389	-.779
100	292	-.226	.162	.340	-1.058
100	293	-.211	.175	.285	-.984
100	294	-.161	.163	.321	-.955
100	295	-.149	.153	.296	-.721
100	296	-.199	.149	.192	-.776
100	297	-.158	.135	.258	-.665
100	298	-.062	.117	.344	-.488
100	299	-.059	.116	.331	-.496
100	300	-.217	.138	.218	-.772
100	301	-.077	.136	.325	-.635
100	302	-.121	.149	.425	-.906
100	303	-.125	.167	.312	-.865
100	304	-.156	.152	.256	-.826
100	305	-.141	.163	.293	-.840
100	306	-.119	.165	.327	-.870
100	307	-.088	.134	.346	-.626
100	308	-.084	.114	.307	-.471
100	309	-.066	.123	.357	-.515
100	310	-.124	.138	.339	-.702
100	311	-.095	.117	.384	-.538
100	312	-.123	.128	.332	-.842
100	313	-.114	.147	.287	-.838
100	314	-.074	.142	.333	-.717
100	315	-.072	.140	.327	-.657
100	316	-.119	.137	.270	-.667
100	317	-.074	.127	.310	-.520
100	318	-.005	.118	.365	-.425
100	319	.002	.112	.371	-.382
100	320	-.093	.116	.304	-.520
100	321	.004	.122	.444	-.386
100	322	-.062	.155	.423	-1.149
100	323	-.060	.138	.373	-.648
100	324	-.115	.134	.279	-.686
100	325	-.112	.147	.331	-.811
100	326	-.017	.118	.359	-.431
100	327	-.010	.121	.442	-.385
100	328	-.090	.117	.293	-.462
100	329	-.005	.122	.446	-.467
100	401	-.358	.160	.489	-1.033
100	402	-.044	.137	.406	-.637
100	403	.089	.138	.554	-.453
100	404	.137	.154	.754	-.465
100	405	.216	.176	.890	-.610
100	406	-.345	.188	.480	-.986
100	407	-.019	.185	.547	-.670
100	408	-.089	.150	.460	-.553
100	409	.228	.159	.932	-.272
100	410	.326	.170	1.032	-.134
100	411	.344	.187	1.158	-.245
100	412	-.019	.200	.658	-.772
100	413	-.034	.149	.550	-.492

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	414	.234	.152	.863	-.245
100	415	.345	.141	.977	-.128
100	416	.325	.198	1.148	-.483
100	417	-.017	.183	.486	-.740
100	418	-.033	.156	.445	-.621
100	419	.221	.126	.687	-.199
100	420	.239	.160	.797	-.316
100	421	.283	.181	.910	-.512
100	422	-.013	.159	.429	-.692
100	423	.028	.123	.402	-.457
100	424	.137	.149	.632	-.300
100	425	.226	.152	.853	-.255
100	426	.210	.165	.830	-.389
100	427	.030	.126	.468	-.565
100	428	-.052	.152	.451	-.594
100	429	.117	.135	.614	-.289
100	430	.180	.142	.718	-.267
100	431	.203	.136	.745	-.337
100	432	-.051	.150	.418	-.708
100	433	-.015	.138	.468	-.547
100	434	.097	.118	.683	-.255
100	435	.165	.098	.687	-.117
100	436	.076	.137	.683	-.430
100	437	-.017	.125	.393	-.534
100	438	.002	.125	.500	-.482
100	439	.129	.099	.519	-.224
100	440	.079	.120	.477	-.312
100	441	.091	.121	.508	-.234
100	442	.013	.120	.476	-.389
100	443	.064	.099	.427	-.271
100	444	.048	.116	.465	-.306
100	445	.096	.110	.465	-.222
100	446	.085	.116	.600	-.437
100	447	.069	.096	.396	-.300
100	448	-.004	.118	.410	-.445
100	449	.080	.112	.505	-.323
100	450	.100	.107	.484	-.304
100	451	.124	.091	.411	-.208
100	452	.011	.109	.400	-.416
100	453	.066	.103	.396	-.351
100	454	.114	.102	.467	-.207
100	455	.160	.087	.454	-.122
100	456	.074	.104	.455	-.261
100	457	.080	.105	.489	-.267
100	458	.087	.108	.536	-.287
100	459	.127	.089	.529	-.173
100	460	.086	.110	.532	-.289
100	461	.137	.110	.596	-.219
100	462	.138	.122	.614	-.274
100	463	.147	.101	.534	-.223

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	501	.209	.169	.828	-.369
100	502	.190	.151	.745	-.334
100	503	.144	.138	.671	-.252
100	504	.142	.117	.631	-.198
100	505	-.269	.139	.233	-.737
100	506	-.253	.131	.148	-.801
100	507	-.233	.140	.247	-.978
100	508	-.167	.127	.257	-.654
100	509	.379	.185	.934	-.220
100	510	.419	.180	1.041	-.145
100	511	.363	.166	.877	-.172
100	512	.262	.130	.653	-.137
100	513	-.267	.121	.160	-.743
100	514	-.180	.122	.172	-.727
100	515	-.173	.122	.223	-.866
100	516	-.129	.105	.199	-.671
100	517	.389	.174	.996	-.159
100	518	.428	.175	1.072	-.116
100	519	.357	.160	.841	-.348
100	520	.212	.133	.623	-.381
100	521	-.266	.135	.153	-.959
100	522	-.192	.125	.219	-.787
100	523	-.172	.123	.233	-.708
100	524	-.190	.128	.175	-.727
100	525	.312	.169	.866	-.221
100	526	.355	.162	1.022	-.123
100	527	.319	.171	.850	-.211
100	528	.217	.133	.638	-.208
100	529	-.218	.145	.364	-.852
100	530	-.191	.142	.277	-.761
100	531	-.167	.122	.230	-.648
100	532	-.194	.140	.220	-.791
100	533	.296	.168	.827	-.270
100	534	.286	.158	.907	-.162
100	535	.244	.143	.746	-.184
100	536	.109	.160	.686	-.381
100	537	-.216	.179	.438	-.947
100	538	-.217	.154	.193	-.879
100	539	-.192	.134	.146	-1.049
100	540	-.214	.155	.232	-1.010
100	541	.213	.151	.793	-.295
100	542	.243	.141	.757	-.233
100	543	.212	.129	.627	-.184
100	544	.086	.151	.578	-.425
100	545	-.233	.176	.333	-.968
100	546	-.277	.190	.232	-1.316
100	547	-.241	.159	.187	-1.003
100	548	-.238	.174	.261	-1.040
100	549	.158	.138	.622	-.324
100	550	.178	.134	.725	-.244

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	551	.151	.127	.710	-.216
100	552	.043	.151	.725	-.441
100	553	-.227	.173	.338	-.986
100	554	-.306	.198	.217	-1.364
100	555	-.268	.166	.171	-1.046
100	556	-.252	.183	.292	-1.311
100	557	.119	.121	.564	-.342
100	558	.135	.122	.688	-.247
100	559	.107	.115	.603	-.254
100	560	.011	.145	.755	-.475
100	561	-.217	.176	.447	-.929
100	562	-.305	.179	.217	-1.009
100	563	-.269	.151	.181	-.899
100	564	-.242	.171	.306	-1.413
100	565	.084	.117	.498	-.383
100	566	.083	.115	.568	-.308
100	567	.045	.103	.465	-.303
100	568	-.044	.124	.492	-.498
100	569	-.240	.162	.364	-1.096
100	570	-.321	.178	.141	-1.004
100	571	-.286	.149	.126	-.899
100	572	-.234	.158	.210	-.891
100	573	.070	.108	.445	-.339
100	574	.062	.109	.445	-.302
100	575	.033	.098	.380	-.332
100	576	-.062	.115	.372	-.549
100	577	-.239	.144	.287	-.909
100	578	-.273	.161	.173	-.856
100	579	-.231	.136	.126	-.680
100	580	-.212	.135	.182	-.792
100	581	.011	.119	.379	-.433
100	582	.106	.116	.477	-.266
100	583	.022	.132	.439	-.407
100	584	.055	.116	.466	-.272
100	585	-.006	.130	.477	-.397
100	586	-.148	.144	.326	-.736
100	587	-.183	.151	.290	-.825
100	588	-.177	.129	.215	-.730
100	589	-.165	.139	.246	-.680
100	590	.021	.123	.477	-.503
100	591	.118	.121	.534	-.272
100	592	.051	.119	.476	-.333
100	593	-.174	.120	.206	-.606
100	594	-.152	.134	.320	-.608
100	595	-.108	.122	.379	-.507
110	1	-.233	.150	.321	-.848
110	2	-.337	.140	.094	-.929
110	3	-.217	.144	.227	-.780
110	4	-.280	.143	.112	-1.034
110	5	-.272	.147	.245	-.841

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	6	-.337	.142	.106	-1.149
110	7	-.186	.140	.308	-.782
110	8	-.239	.159	.215	-.970
110	9	-.294	.143	.180	-.833
110	10	-.338	.132	.103	-.845
110	11	-.322	.143	.152	-.779
110	12	-.293	.139	.174	-.748
110	13	-.301	.136	.111	-.781
110	14	-.352	.127	.029	-.798
110	15	-.194	.112	.155	-.709
110	16	-.149	.107	.211	-.477
110	17	-.081	.108	.288	-.556
110	18	-.170	.128	.227	-.639
110	19	.030	.114	.455	-.365
110	20	-.062	.112	.266	-.477
110	101	-.173	.121	.264	-.671
110	102	-.206	.105	.158	-.527
110	103	-.186	.116	.174	-.526
110	104	-.145	.113	.212	-.557
110	105	-.152	.118	.241	-.528
110	106	-.196	.109	.176	-.623
110	107	-.202	.116	.174	-.678
110	108	-.165	.111	.212	-.616
110	109	-.160	.113	.184	-.510
110	110	-.199	.104	.131	-.519
110	111	-.191	.117	.189	-.585
110	112	-.162	.111	.196	-.545
110	113	-.159	.109	.263	-.575
110	114	-.198	.099	.182	-.569
110	115	-.181	.111	.266	-.614
110	116	-.143	.106	.299	-.545
110	117	-.142	.111	.258	-.575
110	118	-.184	.103	.193	-.530
110	119	-.186	.116	.209	-.623
110	120	-.158	.111	.224	-.597
110	121	-.151	.110	.241	-.475
110	122	-.185	.100	.175	-.483
110	123	-.169	.111	.254	-.526
110	124	-.129	.109	.257	-.501
110	125	-.149	.110	.225	-.553
110	126	-.209	.109	.109	-.699
110	127	-.207	.118	.141	-.665
110	128	-.164	.113	.183	-.648
110	129	-.157	.107	.221	-.551
110	130	-.194	.098	.167	-.525
110	131	-.178	.111	.221	-.555
110	132	-.143	.109	.217	-.498
110	133	-.174	.124	.225	-.720
110	134	-.229	.113	.135	-.735
110	135	-.210	.123	.180	-.725
110	136	-.162	.114	.197	-.621
110	137	-.164	.103	.193	-.549
110	138	-.203	.092	.109	-.530
110	139	-.197	.107	.168	-.595
110	140	-.191	.130	.217	-.949
110	141	-.183	.120	.190	-.737
110	142	-.221	.106	.119	-.603
110	143	-.202	.113	.190	-.597
110	144	-.160	.107	.212	-.542
110	145	-.152	.107	.191	-.528
110	146	-.202	.099	.114	-.580
110	147	-.221	.132	.172	-.882
110	148	-.187	.124	.177	-.764
110	149	-.190	.131	.298	-.936
110	150	-.225	.113	.236	-.656
110	151	-.204	.122	.319	-.588
110	152	-.160	.116	.320	-.552
110	153	-.179	.125	.193	-.794
110	154	-.252	.127	.202	-.860
110	155	-.243	.141	.217	-.821
110	156	-.201	.132	.203	-.700
110	157	-.161	.127	.233	-.601
110	158	-.131	.107	.215	-.527
110	159	-.172	.122	.210	-.651
110	160	-.159	.123	.234	-.577
110	161	-.183	.134	.319	-.731
110	162	-.163	.117	.249	-.647
110	163	-.212	.133	.262	-.770
110	164	-.192	.129	.259	-.704
110	165	-.168	.128	.226	-.809
110	166	-.133	.115	.207	-.637
110	167	-.190	.148	.302	-.938
110	168	-.186	.138	.255	-.779
110	169	-.178	.137	.219	-.802
110	170	-.158	.123	.217	-.878
110	171	-.210	.142	.300	-.829
110	172	-.177	.133	.229	-.689
110	173	-.136	.128	.256	-.713
110	174	-.119	.119	.218	-.564
110	175	-.180	.133	.213	-.770
110	176	-.164	.135	.237	-.749
110	177	-.141	.123	.354	-.616
110	178	-.114	.111	.262	-.560
110	179	-.152	.134	.323	-.674
110	180	-.121	.130	.290	-.709
110	181	-.142	.136	.249	-.714
110	182	-.135	.113	.238	-.627
110	183	-.194	.131	.249	-.983
110	184	-.173	.129	.204	-.901
110	185	-.153	.126	.247	-.556
110	186	-.126	.114	.245	-.572
110	187	-.163	.128	.269	-.834
110	188	-.146	.126	.296	-.631
110	201	-.142	.131	.247	-.848
110	202	-.128	.116	.259	-.588
110	203	-.231	.146	.232	-.902
110	204	-.206	.143	.277	-1.031
110	205	-.189	.130	.249	-.722
110	206	-.159	.108	.238	-.598
110	207	-.131	.119	.330	-.729
110	208	-.121	.132	.284	-.876
110	209	-.164	.180	.370	-.927
110	210	-.236	.131	.215	-.703
110	211	-.306	.145	.235	-.793
110	212	-.158	.117	.224	-.599
110	213	-.139	.119	.219	-.564
110	214	-.176	.119	.167	-.610
110	215	-.277	.155	.161	-.901
110	216	-.276	.164	.167	-.957
110	217	-.210	.127	.273	-.617
110	218	-.058	.099	.298	-.391
110	219	-.119	.136	.333	-.597
110	220	-.287	.141	.152	-.939
110	221	-.284	.158	.368	-.778
110	222	-.288	.147	.191	-.776
110	223	-.174	.120	.216	-.527
110	224	-.147	.118	.228	-.519
110	225	-.128	.121	.282	-.549
110	226	-.108	.108	.250	-.532
110	227	-.170	.125	.239	-.601
110	228	-.116	.118	.294	-.559
110	229	-.074	.110	.267	-.452
110	230	-.057	.103	.269	-.466
110	231	-.405	.198	.150	-1.138
110	232	-.144	.111	.182	-.487
110	233	-.138	.122	.280	-.501
110	234	-.113	.109	.257	-.439
110	235	-.170	.126	.248	-.545
110	236	-.149	.126	.283	-.535
110	237	-.112	.116	.327	-.445
110	238	-.038	.104	.366	-.367
110	239	-.094	.129	.410	-.487
110	240	-.401	.211	.255	-1.192
110	241	-.044	.163	.404	-.616
110	242	-.117	.096	.201	-.433
110	243	-.139	.113	.250	-.492
110	244	-.138	.102	.229	-.463
110	245	-.148	.114	.262	-.519
110	246	-.138	.113	.270	-.504
110	247	-.131	.113	.263	-.573

APPENDIX A -- PRESSURE DATA; CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	248	-.073	.102	.290	-.447
110	249	-.074	.121	.356	-.534
110	250	-.347	.205	.265	-1.351
110	251	.002	.154	.634	-.666
110	252	-.161	.112	.213	-.729
110	253	-.160	.120	.269	-.603
110	254	-.145	.120	.261	-.696
110	255	-.146	.112	.225	-.566
110	256	-.156	.101	.167	-.562
110	257	-.165	.113	.203	-.627
110	258	-.070	.111	.286	-.527
110	259	-.041	.109	.375	-.440
110	260	-.305	.174	.274	-.977
110	261	.010	.136	.441	-.433
110	262	-.158	.112	.200	-.603
110	263	-.184	.115	.199	-.600
110	264	-.155	.112	.210	-.597
110	265	-.147	.122	.261	-.566
110	266	-.169	.124	.305	-.584
110	267	-.158	.118	.227	-.660
110	268	-.100	.107	.304	-.536
110	269	-.075	.122	.414	-.579
110	270	-.230	.183	.352	-1.061
110	271	.045	.140	.556	-.435
110	272	-.215	.127	.199	-.649
110	273	-.200	.134	.236	-.678
110	274	-.155	.129	.262	-.612
110	275	-.152	.134	.281	-.757
110	276	-.192	.128	.190	-.845
110	277	-.170	.131	.249	-.634
110	278	-.047	.118	.363	-.480
110	279	-.032	.122	.359	-.471
110	280	-.211	.154	.202	-1.057
110	281	.007	.144	.507	-.498
110	282	-.163	.132	.260	-.758
110	283	-.185	.135	.238	-.886
110	284	-.217	.126	.161	-.904
110	285	-.211	.139	.219	-.904
110	286	-.176	.138	.233	-.873
110	287	-.163	.126	.220	-.602
110	288	-.100	.111	.307	-.516
110	289	-.064	.123	.371	-.556
110	290	-.180	.160	.337	-.924
110	291	-.048	.132	.437	-.432
110	292	-.228	.155	.222	-1.166
110	293	-.204	.153	.242	-1.144
110	294	-.157	.144	.256	-.821
110	295	-.156	.130	.233	-.968
110	296	-.203	.124	.158	-.935
110	297	-.161	.125	.255	-.630
110	298	-.047	.112	.375	-.450
110	299	-.030	.113	.331	-.407
110	300	-.200	.146	.233	-.780
110	301	.016	.125	.381	-.469
110	302	-.179	.156	.221	-1.156
110	303	-.167	.141	.241	-.864
110	304	-.197	.131	.198	-.798
110	305	-.185	.143	.234	-.847
110	306	-.157	.143	.238	-.894
110	307	-.119	.129	.350	-.593
110	308	-.080	.110	.325	-.473
110	309	-.047	.119	.390	-.460
110	310	-.121	.145	.331	-.710
110	311	.047	.121	.449	-.378
110	312	-.196	.149	.257	-1.078
110	313	-.176	.152	.299	-.843
110	314	-.137	.144	.324	-.752
110	315	-.145	.150	.246	-.864
110	316	-.197	.150	.173	-.875
110	317	-.114	.133	.243	-.652
110	318	-.020	.122	.322	-.464
110	319	-.005	.110	.405	-.349
110	320	-.107	.118	.291	-.502
110	321	.029	.120	.507	-.340
110	322	-.165	.155	.281	-1.250
110	323	-.166	.143	.267	-.716
110	324	-.199	.130	.207	-.754
110	325	-.205	.149	.258	-.852
110	326	-.056	.119	.321	-.441
110	327	-.011	.118	.401	-.368
110	328	.082	.122	.410	-.553
110	329	.038	.124	.594	-.357
110	401	-.214	.198	.619	-.830
110	402	.052	.136	.669	-.445
110	403	.172	.135	.640	-.282
110	404	.217	.153	.728	-.364
110	405	.299	.163	.989	-.275
110	406	-.150	.239	.780	-.952
110	407	.118	.140	.559	-.511
110	408	.060	.150	.698	-.429
110	409	.326	.156	.891	-.177
110	410	.380	.167	1.008	-.246
110	411	.389	.174	1.012	-.187
110	412	.113	.158	.729	-.523
110	413	.113	.146	.624	-.453
110	414	.317	.137	.836	-.100
110	415	.383	.132	.876	-.005
110	416	.386	.164	1.006	-.097
110	417	.117	.136	.602	-.540
110	418	.144	.137	.613	-.426
110	419	.316	.133	.737	-.181
110	420	.353	.162	.873	-.192
110	421	.363	.173	1.065	-.181
110	422	.103	.137	.528	-.372
110	423	.152	.124	.544	-.247
110	424	.272	.147	.812	-.137
110	425	.316	.153	.932	-.082
110	426	.292	.171	.924	-.238
110	427	.103	.126	.575	-.361
110	428	.122	.148	.763	-.491
110	429	.238	.157	.871	-.302
110	430	.291	.164	.941	-.197
110	431	.259	.144	.795	-.142
110	432	.086	.141	.657	-.408
110	433	.142	.145	.723	-.300
110	434	.215	.140	.703	-.260
110	435	.233	.126	.664	-.178
110	436	.173	.136	.693	-.304
110	437	.072	.119	.429	-.380
110	438	.115	.132	.553	-.294
110	439	.186	.125	.606	-.205
110	440	.177	.143	.660	-.272
110	441	.145	.134	.603	-.267
110	442	.075	.120	.481	-.357
110	443	.122	.107	.495	-.253
110	444	.163	.126	.613	-.278
110	445	.182	.125	.599	-.238
110	446	.135	.118	.676	-.269
110	447	.064	.094	.381	-.313
110	448	.084	.110	.494	-.226
110	449	.149	.114	.594	-.200
110	450	.171	.127	.701	-.325
110	451	.138	.112	.605	-.290
110	452	.062	.116	.419	-.440
110	453	.112	.114	.470	-.351
110	454	.162	.115	.584	-.202
110	455	.173	.103	.533	-.143
110	456	.137	.117	.595	-.229
110	457	.133	.118	.563	-.485
110	458	.104	.113	.517	-.301
110	459	.127	.099	.472	-.181
110	460	.153	.118	.511	-.213
110	461	.179	.122	.638	-.192
110	462	.153	.118	.595	-.290
110	463	.114	.099	.510	-.261
110	501	.179	.155	.653	-.448
110	502	.135	.139	.700	-.372
110	503	.088	.129	.514	-.383
110	504	.029	.111	.457	-.351
110	505	-.266	.123	.267	-.673

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	506	-.210	.115	.160	-.594
110	507	-.200	.131	.290	-.696
110	508	-.196	.123	.246	-.768
110	509	.345	.174	.983	-.213
110	510	.328	.161	.949	-.160
110	511	.240	.159	.863	-.199
110	512	.098	.127	.530	-.260
110	513	-.218	.119	.167	-.610
110	514	-.153	.116	.220	-.535
110	515	-.163	.125	.225	-.670
110	516	-.168	.109	.181	-.615
110	517	.373	.175	.881	-.331
110	518	.351	.164	.893	-.247
110	519	.242	.161	.862	-.285
110	520	.074	.136	.613	-.376
110	521	-.231	.134	.192	-.727
110	522	-.161	.123	.182	-.621
110	523	-.152	.119	.228	-.640
110	524	-.178	.123	.308	-.634
110	525	.295	.168	.909	-.310
110	526	.285	.152	.881	-.176
110	527	.201	.148	.795	-.351
110	528	.057	.119	.530	-.399
110	529	-.217	.134	.165	-1.086
110	530	-.168	.132	.238	-1.080
110	531	-.177	.120	.211	-1.063
110	532	-.188	.133	.218	-1.047
110	533	.231	.174	.984	-.308
110	534	.217	.141	.736	-.284
110	535	.125	.119	.591	-.295
110	536	-.012	.128	.506	-.409
110	537	-.200	.128	.182	-.920
110	538	-.179	.131	.208	-.931
110	539	-.188	.117	.167	-.864
110	540	-.196	.135	.244	-.962
110	541	.172	.147	.781	-.394
110	542	.157	.131	.663	-.200
110	543	.073	.108	.466	-.254
110	544	-.059	.122	.454	-.459
110	545	-.217	.142	.231	-.822
110	546	-.179	.138	.222	-.907
110	547	-.186	.127	.177	-.860
110	548	-.191	.139	.233	-1.017
110	549	.102	.131	.562	-.378
110	550	.125	.123	.647	-.318
110	551	.048	.107	.469	-.331
110	552	-.075	.125	.415	-.565
110	553	-.220	.145	.200	-.996
110	554	-.193	.145	.253	-1.033
110	555	-.200	.131	.205	-.919
110	556	-.200	.142	.226	-1.094
110	557	.092	.132	.554	-.341
110	558	.098	.117	.453	-.332
110	559	.021	.100	.356	-.373
110	560	-.096	.120	.371	-.600
110	561	-.238	.145	.214	-1.028
110	562	-.223	.156	.246	-1.170
110	563	-.229	.138	.189	-.976
110	564	-.222	.146	.217	-1.040
110	565	.072	.123	.769	-.458
110	566	.078	.114	.481	-.318
110	567	.008	.099	.356	-.366
110	568	-.100	.116	.260	-.509
110	569	-.230	.134	.197	-.685
110	570	-.220	.148	.256	-.881
110	571	-.228	.133	.187	-.762
110	572	-.231	.150	.210	-1.330
110	573	.053	.123	.468	-.410
110	574	.071	.105	.449	-.251
110	575	.006	.091	.350	-.296
110	576	-.091	.107	.289	-.470
110	577	-.228	.145	.212	-1.147
110	578	-.197	.141	.213	-.690
110	579	-.204	.128	.152	-.744
110	580	-.228	.140	.213	-.891
110	581	-.031	.113	.400	-.440
110	582	.141	.123	.590	-.248
110	583	-.033	.113	.369	-.495
110	584	.017	.098	.381	-.388
110	585	-.064	.114	.352	-.552
110	586	-.234	.142	.270	-.828
110	587	-.214	.150	.284	-.840
110	588	-.219	.129	.212	-.793
110	589	-.232	.144	.290	-.958
110	590	-.039	.114	.332	-.427
110	591	.146	.121	.653	-.333
110	592	.013	.113	.506	-.396
110	593	-.220	.121	.210	-.820
110	594	-.222	.136	.303	-.908
110	595	-.177	.125	.290	-.824
120	1	-.239	.150	.320	-.799
120	2	-.344	.141	.104	-.831
120	3	-.261	.148	.304	-.805
120	4	-.273	.145	.198	-.730
120	5	-.289	.160	.274	-1.022
120	6	-.341	.150	.096	-.925
120	7	-.250	.162	.372	-.978
120	8	-.277	.170	.192	-1.025
120	9	-.263	.137	.165	-.699
120	10	-.313	.128	.137	-.767
120	11	-.305	.138	.131	-.742
120	12	-.267	.135	.148	-.685
120	13	-.269	.147	.222	-.847
120	14	-.319	.138	.127	-.876
120	15	-.194	.120	.234	-.672
120	16	-.152	.116	.277	-.660
120	17	-.038	.117	.356	-.434
120	18	-.069	.131	.392	-.657
120	19	.017	.140	.583	-.615
120	20	-.131	.130	.341	-.608
120	101	-.180	.124	.244	-.705
120	102	-.221	.110	.153	-.675
120	103	-.201	.124	.185	-.736
120	104	-.158	.118	.190	-.672
120	105	-.151	.124	.250	-.592
120	106	-.210	.120	.150	-.622
120	107	-.201	.127	.225	-.613
120	108	-.156	.122	.259	-.588
120	109	-.165	.115	.199	-.575
120	110	-.214	.107	.118	-.574
120	111	-.208	.120	.228	-.641
120	112	-.164	.115	.234	-.601
120	113	-.182	.109	.172	-.604
120	114	-.228	.100	.094	-.600
120	115	-.211	.113	.160	-.620
120	116	-.164	.109	.197	-.563
120	117	-.161	.111	.265	-.595
120	118	-.216	.103	.191	-.696
120	119	-.207	.114	.261	-.587
120	120	-.172	.109	.282	-.549
120	121	-.175	.115	.262	-.593
120	122	-.221	.106	.188	-.603
120	123	-.206	.119	.272	-.641
120	124	-.163	.116	.281	-.590
120	125	-.160	.111	.213	-.559
120	126	-.220	.104	.155	-.584
120	127	-.216	.116	.231	-.607
120	128	-.166	.111	.262	-.543
120	129	-.158	.103	.220	-.510
120	130	-.206	.093	.139	-.538
120	131	-.192	.106	.211	-.582
120	132	-.154	.103	.265	-.521
120	133	-.188	.117	.204	-.610
120	134	-.249	.109	.116	-.601
120	135	-.233	.120	.168	-.655
120	136	-.178	.115	.232	-.551
120	137	-.170	.112	.268	-.589
120	138	-.218	.103	.198	-.606
120	139	-.212	.115	.224	-.652
120	140	-.187	.115	.242	-.591

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	141	-.200	.116	.156	-.593
120	142	-.249	.106	.102	-.582
120	143	-.228	.117	.160	-.604
120	144	-.177	.112	.170	-.535
120	145	-.189	.117	.189	-.581
120	146	-.250	.107	.110	-.641
120	147	-.261	.125	.143	-.695
120	148	-.222	.120	.183	-.613
120	149	-.267	.112	.187	-.638
120	150	-.250	.101	.054	-.637
120	151	-.230	.112	.103	-.632
120	152	-.192	.108	.156	-.541
120	153	-.202	.117	.153	-.589
120	154	-.288	.115	.051	-.660
120	155	-.285	.127	.120	-.694
120	156	-.232	.120	.130	-.593
120	157	-.181	.103	.187	-.543
120	158	-.149	.090	.185	-.489
120	159	-.212	.106	.180	-.657
120	160	-.194	.107	.232	-.713
120	161	-.197	.117	.259	-.625
120	162	-.177	.106	.216	-.569
120	163	-.239	.121	.214	-.714
120	164	-.205	.120	.235	-.619
120	165	-.194	.123	.186	-.600
120	166	-.163	.110	.157	-.512
120	167	-.236	.131	.179	-.739
120	168	-.227	.126	.126	-.596
120	169	-.204	.115	.150	-.627
120	170	-.179	.102	.125	-.590
120	171	-.240	.123	.197	-.773
120	172	-.200	.118	.173	-.643
120	173	-.195	.124	.188	-.645
120	174	-.180	.104	.156	-.531
120	175	-.253	.127	.160	-.723
120	176	-.225	.126	.180	-.784
120	177	-.204	.118	.194	-.728
120	178	-.178	.103	.164	-.580
120	179	-.237	.120	.163	-.762
120	180	-.200	.113	.187	-.747
120	181	-.208	.117	.175	-.768
120	182	-.191	.103	.127	-.616
120	183	-.252	.120	.075	-.709
120	184	-.233	.118	.095	-.678
120	185	-.205	.122	.184	-.812
120	186	-.176	.108	.170	-.646
120	187	-.233	.119	.150	-.694
120	188	-.210	.118	.189	-.671
120	201	-.160	.137	.292	-.705
120	202	-.144	.119	.267	-.564

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	203	-.238	.149	.288	-.987
120	204	-.206	.144	.322	-.921
120	205	-.215	.152	.233	-.744
120	206	-.166	.117	.201	-.542
120	207	-.105	.124	.252	-.499
120	208	-.061	.127	.290	-.567
120	209	-.028	.174	.548	-.746
120	210	-.087	.125	.383	-.450
120	211	-.190	.133	.245	-.630
120	212	-.157	.112	.189	-.565
120	213	-.149	.116	.194	-.677
120	214	-.186	.119	.148	-.750
120	215	-.296	.153	.113	-1.040
120	216	-.288	.160	.160	-1.080
120	217	-.211	.124	.150	-.789
120	218	-.018	.099	.346	-.413
120	219	-.046	.137	.405	-.631
120	220	-.196	.149	.263	-.881
120	221	-.144	.154	.388	-.616
120	222	-.161	.142	.272	-.605
120	223	-.185	.108	.191	-.542
120	224	-.152	.104	.181	-.491
120	225	-.138	.116	.262	-.506
120	226	-.118	.103	.229	-.447
120	227	-.191	.121	.261	-.624
120	228	-.094	.117	.300	-.474
120	229	-.021	.119	.369	-.392
120	230	-.022	.112	.393	-.383
120	231	-.275	.190	.335	-.953
120	232	-.163	.111	.229	-.575
120	233	-.138	.109	.206	-.704
120	234	-.108	.097	.197	-.666
120	235	-.181	.115	.190	-.891
120	236	-.156	.115	.215	-.698
120	237	-.084	.110	.278	-.461
120	238	-.028	.099	.345	-.267
120	239	-.009	.124	.393	-.372
120	240	-.227	.185	.325	-.921
120	241	.107	.162	.650	-.436
120	242	-.124	.103	.170	-.562
120	243	-.151	.115	.262	-.577
120	244	-.162	.107	.216	-.536
120	245	-.162	.118	.234	-.589
120	246	-.150	.117	.233	-.559
120	247	-.110	.120	.260	-.591
120	248	-.007	.117	.333	-.496
120	249	.036	.138	.482	-.535
120	250	-.162	.202	.382	-.897
120	251	-.144	.154	.632	-.471
120	252	-.188	.102	.168	-.607

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	253	-.181	.112	.215	-.651
120	254	-.159	.111	.238	-.626
120	255	-.162	.116	.170	-.626
120	256	-.185	.106	.132	-.643
120	257	-.160	.116	.230	-.569
120	258	-.017	.114	.367	-.424
120	259	.042	.121	.485	-.394
120	260	-.167	.166	.392	-.840
120	261	.145	.159	.761	-.423
120	262	-.181	.111	.237	-.619
120	263	-.202	.122	.170	-.660
120	264	-.167	.120	.193	-.626
120	265	-.147	.111	.217	-.582
120	266	-.190	.113	.184	-.632
120	267	-.155	.114	.222	-.635
120	268	-.053	.112	.324	-.483
120	269	-.006	.130	.421	-.486
120	270	-.133	.170	.417	-.749
120	271	.126	.144	.597	-.523
120	272	-.231	.113	.143	-.643
120	273	-.216	.122	.217	-.642
120	274	-.177	.119	.242	-.582
120	275	-.176	.132	.332	-.704
120	276	-.222	.126	.238	-.732
120	277	-.177	.134	.293	-.707
120	278	-.027	.129	.433	-.526
120	279	.013	.126	.504	-.369
120	280	-.181	.175	.428	-.899
120	281	.096	.149	.743	-.360
120	282	-.204	.124	.245	-.887
120	283	-.196	.135	.233	-.788
120	284	-.233	.127	.177	-.776
120	285	-.219	.139	.219	-.884
120	286	-.194	.135	.233	-.798
120	287	-.174	.129	.239	-.627
120	288	-.087	.115	.350	-.483
120	289	-.036	.129	.469	-.472
120	290	-.169	.184	.460	-1.041
120	291	.093	.152	.689	-.377
120	292	-.264	.122	.082	-.769
120	293	-.244	.130	.135	-.726
120	294	-.200	.126	.171	-.649
120	295	-.210	.132	.182	-.679
120	296	-.272	.126	.110	-.749
120	297	-.190	.133	.226	-.635
120	298	-.043	.125	.385	-.463
120	299	-.006	.129	.418	-.468
120	300	-.167	.173	.338	-.826
120	301	.047	.146	.523	-.446
120	302	-.233	.141	.205	-.978

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	303	-.220	.140	.269	-.697
120	304	-.256	.132	.188	-.670
120	305	-.251	.144	.260	-.723
120	306	-.236	.145	.285	-.731
120	307	-.130	.131	.310	-.557
120	308	-.075	.119	.313	-.476
120	309	-.040	.131	.403	-.490
120	310	-.103	.160	.376	-.648
120	311	-.077	.138	.532	-.408
120	312	-.274	.128	.136	-.963
120	313	-.263	.141	.154	-1.565
120	314	-.224	.136	.191	-1.090
120	315	-.205	.129	.255	-.705
120	316	-.275	.127	.154	-.793
120	317	-.129	.118	.278	-.560
120	318	-.004	.111	.374	-.366
120	319	-.024	.112	.428	-.397
120	320	-.067	.122	.349	-.593
120	321	.067	.128	.553	-.386
120	322	-.220	.125	.293	-.755
120	323	-.202	.126	.263	-.669
120	324	-.238	.121	.194	-.624
120	325	-.269	.136	.236	-.712
120	326	-.041	.119	.400	-.445
120	327	-.004	.122	.367	-.453
120	328	-.053	.137	.366	-.550
120	329	-.070	.136	.527	-.411
120	401	-.002	.240	.893	-.778
120	402	.154	.146	.644	-.341
120	403	.229	.141	.635	-.277
120	404	.246	.155	.702	-.322
120	405	.284	.156	.878	-.254
120	406	.055	.251	1.147	-.809
120	407	.180	.153	.769	-.255
120	408	.192	.177	.896	-.355
120	409	.378	.179	.995	-.196
120	410	.427	.177	1.118	-.168
120	411	.365	.163	.879	-.210
120	412	.223	.162	.834	-.352
120	413	.267	.166	.972	-.236
120	414	.399	.157	.993	-.087
120	415	.433	.143	.898	-.023
120	416	.369	.159	.907	-.210
120	417	.216	.145	.695	-.250
120	418	.250	.133	.832	-.173
120	419	.376	.123	.869	-.033
120	420	.392	.147	.945	-.080
120	421	.357	.158	.965	-.088
120	422	.183	.135	.765	-.266
120	423	.244	.125	.770	-.141
120	424	.339	.154	.934	-.084
120	425	.375	.157	.950	-.036
120	426	.344	.157	.887	-.201
120	427	.167	.115	.515	-.272
120	428	.199	.137	.591	-.386
120	429	.326	.140	.779	-.154
120	430	.351	.148	.880	-.094
120	431	.298	.135	.777	-.089
120	432	.127	.136	.700	-.262
120	433	.196	.136	.774	-.233
120	434	.287	.140	.741	-.164
120	435	.308	.129	.792	-.103
120	436	.237	.149	.842	-.224
120	437	.113	.126	.544	-.318
120	438	.169	.127	.636	-.311
120	439	.260	.117	.719	-.133
120	440	.263	.137	.854	-.175
120	441	.229	.140	.837	-.246
120	442	.097	.130	.546	-.356
120	443	.138	.114	.575	-.227
120	444	.206	.138	.732	-.265
120	445	.245	.142	.690	-.261
120	446	.179	.140	.765	-.377
120	447	.072	.105	.470	-.265
120	448	.087	.118	.520	-.280
120	449	.161	.119	.598	-.231
120	450	.186	.133	.735	-.286
120	451	.153	.125	.598	-.236
120	452	.070	.124	.438	-.377
120	453	.130	.123	.548	-.314
120	454	.193	.124	.693	-.249
120	455	.198	.115	.694	-.213
120	456	.146	.130	.725	-.295
120	457	.151	.129	.689	-.292
120	458	.155	.119	.577	-.224
120	459	.171	.106	.570	-.174
120	460	.199	.127	.745	-.208
120	461	.232	.129	.779	-.190
120	462	.188	.120	.714	-.208
120	463	.122	.098	.456	-.172
120	501	.097	.160	.680	-.590
120	502	.094	.130	.557	-.314
120	503	.054	.136	.552	-.376
120	504	-.026	.115	.361	-.377
120	505	-.285	.131	.295	-.842
120	506	-.213	.125	.226	-.676
120	507	-.193	.139	.308	-1.024
120	508	-.197	.126	.221	-.799
120	509	.261	.186	1.148	-.367
120	510	.276	.153	1.044	-.222
120	511	.185	.141	.794	-.280
120	512	.023	.113	.390	-.354
120	513	-.218	.122	.141	-.689
120	514	-.173	.122	.224	-.617
120	515	-.155	.117	.314	-.566
120	516	-.168	.104	.233	-.537
120	517	.247	.181	.865	-.318
120	518	.268	.146	.865	-.188
120	519	.172	.137	.651	-.280
120	520	-.010	.108	.357	-.376
120	521	-.214	.124	.176	-.653
120	522	-.153	.116	.230	-.577
120	523	-.152	.111	.220	-.590
120	524	-.188	.113	.196	-.688
120	525	.228	.174	.812	-.341
120	526	.249	.137	.792	-.154
120	527	.157	.133	.602	-.281
120	528	-.001	.106	.361	-.373
120	529	-.197	.117	.182	-.635
120	530	-.158	.117	.201	-.597
120	531	-.162	.107	.137	-.590
120	532	-.189	.119	.171	-.656
120	533	.233	.177	.830	-.488
120	534	.212	.134	.771	-.160
120	535	.093	.112	.512	-.228
120	536	-.062	.115	.349	-.430
120	537	-.177	.118	.188	-.571
120	538	-.161	.114	.240	-.532
120	539	-.184	.105	.197	-.520
120	540	-.192	.117	.253	-.611
120	541	.165	.176	.867	-.473
120	542	.203	.129	.713	-.315
120	543	.080	.107	.464	-.359
120	544	-.092	.116	.300	-.532
120	545	-.199	.121	.164	-.623
120	546	-.181	.111	.273	-.551
120	547	-.206	.102	.218	-.672
120	548	-.214	.113	.253	-.829
120	549	.161	.178	.808	-.379
120	550	.170	.137	.648	-.313
120	551	.047	.116	.443	-.334
120	552	-.123	.122	.306	-.497
120	553	-.220	.122	.152	-.671
120	554	-.189	.131	.236	-.721
120	555	-.214	.120	.162	-.690
120	556	-.223	.133	.202	-.737
120	557	.110	.174	.661	-.498
120	558	.127	.121	.584	-.247
120	559	.010	.103	.369	-.332
120	560	-.154	.114	.252	-.544

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	561	-.249	.119	.132	-.659
120	562	-.205	.118	.140	-.665
120	563	-.231	.107	.078	-.646
120	564	-.239	.118	.135	-.729
120	565	.097	.153	.664	-.513
120	566	.101	.125	.535	-.317
120	567	-.005	.105	.388	-.367
120	568	-.149	.113	.230	-.606
120	569	-.246	.118	.143	-.769
120	570	-.217	.121	.236	-.672
120	571	-.243	.111	.165	-.672
120	572	-.249	.122	.218	-.687
120	573	.046	.150	.580	-.450
120	574	.058	.124	.502	-.368
120	575	-.023	.109	.377	-.374
120	576	-.125	.118	.345	-.491
120	577	-.254	.127	.179	-.641
120	578	-.239	.117	.147	-.681
120	579	-.261	.106	.096	-.604
120	580	-.273	.133	.133	-.787
120	581	-.070	.117	.288	-.538
120	582	.155	.125	.648	-.325
120	583	-.074	.116	.337	-.501
120	584	.003	.106	.380	-.391
120	585	-.087	.118	.315	-.538
120	586	-.265	.133	.233	-.772
120	587	-.240	.148	.242	-.924
120	588	-.245	.130	.201	-.779
120	589	-.271	.149	.233	-.853
120	590	-.081	.123	.331	-.512
120	591	.145	.137	.626	-.280
120	592	.014	.117	.463	-.362
120	593	-.248	.113	.148	-.776
120	594	-.257	.130	.232	-.841
120	595	-.212	.123	.221	-.650
130	1	-.217	.147	.369	-.759
130	2	-.335	.140	.121	-.834
130	3	-.273	.147	.221	-.819
130	4	-.271	.155	.226	-.902
130	5	-.269	.153	.211	-.865
130	6	-.317	.138	.165	-.817
130	7	-.269	.160	.253	-1.089
130	8	-.265	.165	.278	-1.230
130	9	-.255	.140	.168	-.777
130	10	-.300	.132	.123	-.740
130	11	-.310	.145	.088	-.847
130	12	-.265	.141	.123	-.769
130	13	-.260	.135	.190	-.804
130	14	-.323	.126	.093	-.853
130	15	-.216	.117	.157	-.619
130	16	-.174	.114	.207	-.557
130	17	.017	.127	.438	-.475
130	18	.037	.131	.484	-.580
130	19	-.152	.176	.411	-.972
130	20	-.246	.143	.218	-.831
130	101	-.179	.128	.265	-.631
130	102	-.222	.116	.189	-.573
130	103	-.210	.125	.241	-.590
130	104	-.166	.120	.264	-.559
130	105	-.171	.124	.220	-.737
130	106	-.240	.118	.113	-.737
130	107	-.216	.123	.221	-.812
130	108	-.170	.119	.218	-.746
130	109	-.167	.113	.227	-.659
130	110	-.224	.105	.158	-.683
130	111	-.221	.119	.220	-.703
130	112	-.162	.110	.189	-.540
130	113	-.176	.112	.203	-.564
130	114	-.228	.103	.112	-.590
130	115	-.212	.114	.163	-.662
130	116	-.165	.108	.189	-.654
130	117	-.178	.107	.186	-.568
130	118	-.243	.100	.115	-.585
130	119	-.221	.109	.158	-.625
130	120	-.179	.102	.189	-.582
130	121	-.181	.111	.190	-.606
130	122	-.233	.103	.104	-.617
130	123	-.222	.116	.126	-.665
130	124	-.175	.113	.163	-.597
130	125	-.182	.111	.225	-.584
130	126	-.238	.102	.154	-.598
130	127	-.232	.114	.214	-.616
130	128	-.177	.109	.252	-.553
130	129	-.159	.112	.275	-.506
130	130	-.216	.103	.206	-.535
130	131	-.204	.116	.293	-.559
130	132	-.165	.112	.284	-.510
130	133	-.186	.109	.302	-.619
130	134	-.252	.101	.210	-.640
130	135	-.234	.113	.262	-.679
130	136	-.177	.108	.284	-.603
130	137	-.168	.107	.209	-.522
130	138	-.229	.099	.145	-.558
130	139	-.225	.112	.169	-.584
130	140	-.178	.105	.215	-.524
130	141	-.194	.107	.186	-.555
130	142	-.250	.098	.121	-.576
130	143	-.225	.112	.184	-.610
130	144	-.175	.106	.221	-.537
130	145	-.183	.110	.155	-.624
130	146	-.253	.102	.113	-.677
130	147	-.244	.118	.079	-.663
130	148	-.200	.113	.129	-.586
130	149	-.195	.121	.237	-.636
130	150	-.251	.112	.156	-.692
130	151	-.234	.126	.220	-.717
130	152	-.187	.121	.255	-.663
130	153	-.210	.118	.181	-.659
130	154	-.288	.113	.117	-.713
130	155	-.282	.127	.186	-.801
130	156	-.222	.120	.221	-.695
130	157	-.187	.112	.167	-.558
130	158	-.152	.100	.183	-.480
130	159	-.239	.120	.137	-.646
130	160	-.216	.117	.172	-.589
130	161	-.209	.125	.205	-.689
130	162	-.182	.113	.169	-.586
130	163	-.261	.129	.159	-.733
130	164	-.212	.125	.193	-.684
130	165	-.202	.108	.187	-.554
130	166	-.172	.096	.139	-.603
130	167	-.264	.118	.118	-.752
130	168	-.236	.114	.156	-.759
130	169	-.214	.127	.189	-.729
130	170	-.180	.114	.176	-.618
130	171	-.255	.133	.147	-.896
130	172	-.214	.126	.165	-.724
130	173	-.203	.115	.156	-.639
130	174	-.176	.100	.145	-.546
130	175	-.261	.120	.173	-.716
130	176	-.231	.121	.175	-.674
130	177	-.221	.125	.179	-.688
130	178	-.173	.110	.173	-.593
130	179	-.262	.130	.139	-.758
130	180	-.234	.127	.143	-.718
130	181	-.217	.118	.139	-.705
130	182	-.181	.106	.156	-.607
130	183	-.267	.125	.121	-.776
130	184	-.238	.121	.144	-.724
130	185	-.195	.114	.165	-.649
130	186	-.163	.102	.176	-.610
130	187	-.255	.119	.131	-.720
130	188	-.216	.115	.152	-.603
130	201	-.184	.133	.261	-.781
130	202	-.152	.113	.248	-.600
130	203	-.255	.139	.188	-.775
130	204	-.215	.132	.212	-.770
130	205	-.196	.132	.221	-.726
130	206	-.120	.103	.277	-.465
130	207	-.059	.115	.381	-.470

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	208	.006	.115	.452	-.403
130	209	.081	.129	.492	-.565
130	210	.047	.125	.540	-.366
130	211	-.110	.137	.306	-.640
130	212	-.184	.113	.193	-.518
130	213	-.158	.112	.252	-.521
130	214	-.160	.110	.216	-.568
130	215	-.277	.143	.214	-.827
130	216	-.247	.149	.232	-.795
130	217	-.188	.127	.225	-.652
130	218	.052	.109	.391	-.286
130	219	.028	.139	.494	-.445
130	220	-.040	.135	.425	-.644
130	221	.021	.163	.556	-.529
130	222	.030	.155	.527	-.566
130	223	-.216	.114	.139	-.622
130	224	-.171	.111	.184	-.584
130	225	-.149	.110	.196	-.521
130	226	-.120	.097	.172	-.418
130	227	-.230	.117	.141	-.596
130	228	-.050	.116	.310	-.433
130	229	.059	.127	.479	-.383
130	230	.133	.116	.516	-.264
130	231	-.060	.187	.532	-.795
130	232	-.177	.118	.172	-.600
130	233	-.149	.123	.245	-.532
130	234	-.108	.110	.267	-.447
130	235	-.203	.130	.243	-.613
130	236	-.181	.131	.272	-.590
130	237	-.048	.118	.376	-.432
130	238	.119	.115	.545	-.227
130	239	.099	.147	.656	-.338
130	240	-.016	.203	.650	-.844
130	241	.268	.156	.912	-.180
130	242	-.128	.095	.175	-.473
130	243	-.159	.116	.258	-.632
130	244	-.183	.109	.204	-.613
130	245	-.180	.120	.271	-.636
130	246	-.174	.120	.264	-.623
130	247	-.069	.113	.338	-.436
130	248	.059	.115	.481	-.291
130	249	.125	.137	.614	-.284
130	250	.041	.179	.622	-.621
130	251	.314	.169	.925	-.182
130	252	-.216	.106	.128	-.568
130	253	-.203	.116	.146	-.595
130	254	-.172	.114	.194	-.574
130	255	-.161	.113	.210	-.513
130	256	-.210	.105	.117	-.533
130	257	-.127	.119	.313	-.489
130	258	.053	.122	.515	-.369
130	259	.136	.140	.682	-.333
130	260	.010	.177	.626	-.832
130	261	.264	.169	.877	-.282
130	262	-.198	.114	.210	-.597
130	263	-.235	.113	.094	-.614
130	264	-.189	.111	.150	-.627
130	265	-.167	.111	.218	-.519
130	266	-.200	.119	.222	-.599
130	267	-.115	.121	.327	-.559
130	268	.017	.115	.445	-.330
130	269	.073	.134	.567	-.337
130	270	.021	.170	.562	-.679
130	271	.243	.161	.872	-.258
130	272	-.240	.109	.102	-.714
130	273	-.232	.118	.116	-.749
130	274	-.193	.115	.146	-.733
130	275	-.195	.123	.211	-.610
130	276	-.244	.117	.123	-.688
130	277	-.149	.129	.307	-.588
130	278	.026	.124	.512	-.351
130	279	.090	.137	.532	-.347
130	280	-.030	.163	.447	-.680
130	281	.211	.165	.761	-.269
130	282	-.232	.128	.231	-.785
130	283	-.212	.120	.192	-.691
130	284	-.239	.110	.120	-.619
130	285	-.234	.122	.164	-.681
130	286	-.233	.121	.164	-.640
130	287	-.138	.131	.361	-.607
130	288	-.025	.116	.418	-.467
130	289	.033	.130	.505	-.436
130	290	-.027	.172	.455	-.647
130	291	.196	.146	.727	-.255
130	292	-.266	.128	.127	-.787
130	293	-.253	.139	.161	-.788
130	294	-.219	.134	.181	-.708
130	295	-.224	.127	.214	-.661
130	296	-.293	.120	.096	-.711
130	297	-.162	.132	.296	-.609
130	298	.003	.128	.478	-.448
130	299	.069	.133	.577	-.366
130	300	.000	.150	.560	-.593
130	301	.149	.154	.808	-.364
130	302	-.247	.127	.184	-.771
130	303	-.225	.125	.195	-.656
130	304	-.256	.117	.134	-.674
130	305	-.254	.129	.191	-.758
130	306	-.259	.130	.194	-.733
130	307	-.121	.120	.272	-.573
130	308	-.035	.111	.329	-.445
130	309	.012	.125	.465	-.461
130	310	-.010	.145	.460	-.629
130	311	.136	.135	.631	-.274
130	312	-.260	.118	.130	-.643
130	313	-.254	.130	.134	-.723
130	314	-.224	.128	.161	-.875
130	315	-.227	.124	.120	-.684
130	316	-.298	.118	.047	-.692
130	317	-.110	.118	.304	-.525
130	318	.025	.118	.524	-.408
130	319	.066	.122	.517	-.340
130	320	.022	.128	.487	-.381
130	321	.135	.140	.623	-.347
130	322	-.223	.130	.361	-.644
130	323	-.220	.126	.158	-.757
130	324	-.253	.118	.156	-.718
130	325	-.289	.133	.125	-.809
130	326	-.012	.120	.440	-.414
130	327	.021	.131	.428	-.604
130	328	.012	.139	.436	-.544
130	329	.109	.144	.588	-.528
130	401	.224	.218	.919	-.597
130	402	.229	.149	.767	-.246
130	403	.255	.138	.760	-.231
130	404	.252	.149	.772	-.299
130	405	.213	.148	.760	-.292
130	406	.213	.230	1.047	-.475
130	407	.262	.151	.803	-.180
130	408	.317	.178	.999	-.173
130	409	.432	.172	1.015	-.075
130	410	.449	.173	1.040	-.094
130	411	.292	.166	.850	-.252
130	412	.304	.153	.832	-.197
130	413	.368	.162	.876	-.169
130	414	.413	.170	1.080	-.123
130	415	.408	.159	1.021	-.080
130	416	.255	.188	.983	-.249
130	417	.275	.152	.847	-.233
130	418	.345	.160	.898	-.114
130	419	.403	.149	.896	.006
130	420	.379	.169	.946	-.087
130	421	.263	.165	.849	-.255
130	422	.263	.139	.729	-.245
130	423	.330	.135	.794	-.077
130	424	.366	.160	.937	-.094
130	425	.375	.160	1.009	-.092
130	426	.213	.162	.782	-.278
130	427	.225	.120	.598	-.231
130	428	.255	.143	.710	-.319

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	429	.316	.140	.786	-.187
130	430	.317	.145	.887	-.228
130	431	.202	.137	.757	-.282
130	432	.168	.139	.644	-.290
130	433	.239	.143	.684	-.212
130	434	.281	.143	.786	-.180
130	435	.270	.134	.761	-.147
130	436	.129	.164	.723	-.310
130	437	.156	.131	.637	-.348
130	438	.221	.144	.775	-.212
130	439	.255	.133	.720	-.140
130	440	.218	.150	.817	-.225
130	441	.128	.152	.837	-.296
130	442	.129	.127	.613	-.260
130	443	.161	.115	.657	-.219
130	444	.163	.129	.747	-.238
130	445	.180	.126	.684	-.230
130	446	.100	.136	.579	-.365
130	447	.120	.107	.547	-.254
130	448	.121	.121	.530	-.323
130	449	.163	.115	.535	-.289
130	450	.160	.121	.568	-.264
130	451	.076	.120	.490	-.340
130	452	.089	.126	.526	-.355
130	453	.155	.125	.694	-.248
130	454	.194	.123	.699	-.193
130	455	.180	.110	.555	-.208
130	456	.097	.123	.510	-.372
130	457	.137	.129	.575	-.295
130	458	.153	.123	.607	-.274
130	459	.174	.109	.576	-.212
130	460	.167	.125	.743	-.220
130	461	.191	.124	.710	-.173
130	462	.144	.124	.611	-.270
130	463	.118	.106	.556	-.235
130	501	-.057	.192	.517	-.749
130	502	-.039	.135	.454	-.463
130	503	-.010	.126	.516	-.376
130	504	-.082	.108	.349	-.384
130	505	-.247	.130	.172	-.785
130	506	-.194	.126	.194	-.666
130	507	-.180	.128	.223	-.693
130	508	-.185	.116	.131	-.651
130	509	.038	.197	.688	-.613
130	510	.174	.139	.675	-.323
130	511	.084	.130	.656	-.316
130	512	-.045	.106	.388	-.411
130	513	-.198	.115	.175	-.606
130	514	-.160	.117	.216	-.595
130	515	-.153	.119	.265	-.674
130	516	-.164	.106	.200	-.647
130	517	.031	.194	.705	-.604
130	518	.170	.133	.641	-.327
130	519	.095	.135	.626	-.363
130	520	-.082	.115	.326	-.446
130	521	-.210	.119	.155	-.800
130	522	-.162	.113	.169	-.705
130	523	-.155	.119	.310	-.509
130	524	-.199	.121	.183	-.665
130	525	.022	.198	.579	-.648
130	526	.152	.138	.607	-.274
130	527	.070	.118	.473	-.315
130	528	-.068	.096	.222	-.401
130	529	-.180	.122	.255	-.557
130	530	-.156	.123	.292	-.571
130	531	-.190	.112	.194	-.583
130	532	-.196	.123	.201	-.674
130	533	.023	.209	.782	-.658
130	534	.141	.144	.810	-.440
130	535	.022	.120	.615	-.351
130	536	-.124	.125	.440	-.522
130	537	-.184	.122	.223	-.663
130	538	-.163	.114	.175	-.535
130	539	-.199	.105	.107	-.545
130	540	-.205	.115	.143	-.598
130	541	-.019	.187	.591	-.582
130	542	.108	.139	.644	-.458
130	543	-.002	.115	.397	-.407
130	544	-.149	.123	.280	-.619
130	545	-.188	.121	.197	-.652
130	546	-.175	.118	.210	-.613
130	547	-.207	.109	.153	-.603
130	548	-.215	.120	.176	-.645
130	549	-.010	.195	.526	-.707
130	550	.078	.127	.486	-.552
130	551	-.029	.105	.322	-.430
130	552	-.177	.111	.201	-.589
130	553	-.207	.108	.133	-.617
130	554	-.179	.122	.235	-.619
130	555	-.212	.113	.178	-.615
130	556	-.221	.124	.210	-.634
130	557	-.045	.192	.646	-.845
130	558	.069	.124	.560	-.420
130	559	-.036	.105	.333	-.401
130	560	-.180	.113	.219	-.595
130	561	-.217	.113	.174	-.698
130	562	-.195	.121	.177	-.600
130	563	-.228	.112	.105	-.584
130	564	-.240	.122	.127	-.660
130	565	-.070	.181	.515	-.695
130	566	.022	.128	.517	-.423
130	567	-.070	.112	.368	-.470
130	568	-.199	.124	.285	-.624
130	569	-.235	.124	.153	-.672
130	570	-.221	.125	.145	-.769
130	571	-.251	.115	.073	-.708
130	572	-.267	.128	.118	-.770
130	573	-.097	.184	.533	-.792
130	574	-.009	.141	.649	-.564
130	575	-.096	.122	.410	-.493
130	576	-.195	.129	.210	-.674
130	577	-.264	.133	.165	-.858
130	578	-.224	.128	.178	-.801
130	579	-.258	.117	.108	-.667
130	580	-.284	.119	.122	-.712
130	581	-.144	.120	.360	-.588
130	582	.072	.118	.466	-.299
130	583	-.130	.117	.235	-.587
130	584	-.047	.106	.306	-.427
130	585	-.125	.120	.235	-.578
130	586	-.241	.132	.195	-.842
130	587	-.217	.123	.231	-.649
130	588	-.218	.108	.162	-.593
130	589	-.259	.125	.205	-.816
130	590	-.141	.120	.276	-.578
130	591	.080	.118	.493	-.271
130	592	-.038	.117	.357	-.404
130	593	-.243	.113	.100	-.697
130	594	-.269	.130	.143	-.898
130	595	-.221	.123	.183	-.780
140	1	-.199	.135	.250	-.713
140	2	-.324	.131	.106	-.849
140	3	-.277	.143	.267	-.923
140	4	-.254	.140	.186	-.821
140	5	-.276	.148	.205	-.908
140	6	-.329	.136	.059	-.875
140	7	-.308	.157	.351	-1.081
140	8	-.275	.158	.183	-1.082
140	9	-.259	.136	.152	-.852
140	10	-.280	.124	.320	-.801
140	11	-.325	.140	.094	-.825
140	12	-.276	.137	.126	-.764
140	13	-.270	.129	.147	-.761
140	14	-.338	.121	.059	-.820
140	15	-.233	.115	.160	-.621
140	16	-.190	.110	.153	-.555
140	17	.052	.127	.563	-.361
140	18	.113	.137	.649	-.343
140	19	-.287	.180	.258	-1.221
140	20	-.301	.145	.126	-.954

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	101	-.181	.119	.229	-.585
140	102	-.233	.107	.115	-.583
140	103	-.224	.119	.182	-.644
140	104	-.176	.116	.195	-.575
140	105	-.189	.117	.229	-.606
140	106	-.263	.110	.149	-.875
140	107	-.228	.117	.218	-.642
140	108	-.182	.112	.254	-.595
140	109	-.180	.115	.195	-.595
140	110	-.247	.108	.088	-.630
140	111	-.240	.119	.131	-.611
140	112	-.167	.114	.181	-.601
140	113	-.175	.115	.271	-.624
140	114	-.240	.107	.157	-.652
140	115	-.223	.118	.204	-.703
140	116	-.171	.111	.248	-.606
140	117	-.188	.113	.161	-.606
140	118	-.256	.106	.066	-.643
140	119	-.232	.119	.179	-.644
140	120	-.181	.112	.197	-.581
140	121	-.178	.115	.189	-.555
140	122	-.238	.108	.125	-.614
140	123	-.225	.120	.174	-.650
140	124	-.175	.116	.235	-.598
140	125	-.188	.109	.159	-.585
140	126	-.242	.103	.082	-.667
140	127	-.231	.114	.147	-.695
140	128	-.174	.110	.183	-.598
140	129	-.171	.114	.187	-.584
140	130	-.236	.107	.120	-.625
140	131	-.227	.121	.168	-.684
140	132	-.185	.116	.150	-.618
140	133	-.184	.107	.235	-.538
140	134	-.249	.100	.144	-.593
140	135	-.236	.112	.210	-.669
140	136	-.176	.106	.243	-.597
140	137	-.177	.117	.248	-.618
140	138	-.245	.109	.128	-.678
140	139	-.244	.123	.176	-.768
140	140	-.182	.116	.226	-.618
140	141	-.189	.113	.288	-.678
140	142	-.252	.105	.141	-.684
140	143	-.233	.117	.176	-.717
140	144	-.184	.111	.181	-.671
140	145	-.190	.105	.156	-.595
140	146	-.264	.099	.051	-.633
140	147	-.249	.113	.162	-.653
140	148	-.194	.107	.186	-.577
140	149	-.207	.116	.201	-.601
140	150	-.270	.108	.096	-.627
140	151	-.260	.121	.142	-.709
140	152	-.211	.115	.171	-.635
140	153	-.230	.119	.144	-.652
140	154	-.300	.114	.066	-.743
140	155	-.285	.126	.143	-.855
140	156	-.230	.118	.136	-.683
140	157	-.208	.121	.175	-.622
140	158	-.220	.112	.127	-.602
140	159	-.218	.123	.162	-.639
140	160	-.224	.125	.163	-.675
140	161	-.197	.126	.284	-.627
140	162	-.212	.119	.207	-.621
140	163	-.199	.124	.249	-.636
140	164	-.193	.123	.200	-.659
140	165	-.216	.123	.269	-.633
140	166	-.231	.112	.099	-.613
140	167	-.223	.122	.140	-.644
140	168	-.223	.122	.173	-.637
140	169	-.232	.131	.144	-.767
140	170	-.247	.122	.090	-.776
140	171	-.228	.128	.184	-.833
140	172	-.231	.129	.175	-.747
140	173	-.231	.128	.292	-.724
140	174	-.248	.119	.229	-.666
140	175	-.222	.128	.295	-.643
140	176	-.228	.131	.301	-.647
140	177	-.226	.117	.133	-.684
140	178	-.238	.106	.073	-.660
140	179	-.225	.115	.125	-.651
140	180	-.226	.113	.137	-.627
140	181	-.224	.125	.186	-.672
140	182	-.239	.117	.165	-.691
140	183	-.218	.127	.203	-.692
140	184	-.225	.127	.209	-.691
140	185	-.211	.115	.166	-.615
140	186	-.239	.111	.115	-.773
140	187	-.216	.116	.180	-.616
140	188	-.217	.119	.224	-.604
140	201	-.217	.131	.212	-.799
140	202	-.245	.120	.104	-.705
140	203	-.228	.133	.184	-.669
140	204	-.229	.132	.177	-.668
140	205	-.251	.141	.174	-.756
140	206	-.168	.113	.187	-.540
140	207	.019	.129	.519	-.384
140	208	.051	.134	.558	-.344
140	209	.111	.140	.585	-.361
140	210	.057	.124	.488	-.375
140	211	.019	.140	.522	-.445
140	212	-.184	.124	.167	-.550
140	213	-.195	.110	.136	-.599
140	214	-.262	.119	.081	-.737
140	215	-.262	.145	.142	-.924
140	216	-.277	.154	.120	-.948
140	217	-.205	.127	.174	-.687
140	218	.037	.119	.527	-.375
140	219	.137	.145	.694	-.366
140	220	.082	.148	.588	-.464
140	221	.133	.185	.729	-.587
140	222	.129	.180	.710	-.433
140	223	-.191	.118	.260	-.624
140	224	-.185	.118	.249	-.665
140	225	-.168	.118	.219	-.537
140	226	-.199	.109	.182	-.527
140	227	-.205	.121	.200	-.666
140	228	.006	.123	.417	-.543
140	229	.110	.131	.651	-.275
140	230	.143	.125	.652	-.242
140	231	.124	.176	.788	-.549
140	232	-.183	.117	.194	-.616
140	233	-.173	.111	.227	-.572
140	234	-.192	.103	.157	-.586
140	235	-.168	.114	.237	-.659
140	236	-.216	.120	.178	-.751
140	237	.003	.128	.468	-.381
140	238	.129	.129	.565	-.291
140	239	.218	.148	.759	-.267
140	240	.175	.184	.807	-.371
140	241	.358	.169	1.019	-.204
140	242	-.204	.110	.179	-.684
140	243	-.167	.116	.339	-.560
140	244	-.187	.109	.302	-.585
140	245	-.198	.121	.337	-.649
140	246	-.207	.124	.306	-.706
140	247	-.020	.115	.481	-.404
140	248	.129	.118	.662	-.277
140	249	.197	.139	.839	-.249
140	250	.197	.167	.871	-.762
140	251	.356	.166	.942	-.118
140	252	-.213	.112	.147	-.612
140	253	-.212	.123	.192	-.720
140	254	-.172	.120	.229	-.681
140	255	-.168	.121	.187	-.567
140	256	-.242	.116	.120	-.635
140	257	-.077	.130	.382	-.508
140	258	.132	.134	.616	-.323
140	259	.207	.128	.741	-.216
140	260	.158	.149	.689	-.425
140	261	.329	.157	.966	-.180
140	262	-.204	.116	.200	-.606

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	263	-.190	.118	.177	-.643
140	264	-.187	.118	.156	-.625
140	265	-.184	.127	.246	-.688
140	266	-.238	.124	.170	-.702
140	267	-.070	.132	.482	-.544
140	268	.106	.134	.653	-.432
140	269	.184	.154	.783	-.450
140	270	.180	.179	.795	-.584
140	271	.306	.168	.827	-.158
140	272	-.244	.117	.144	-.763
140	273	-.230	.126	.212	-.827
140	274	-.204	.124	.199	-.780
140	275	-.199	.127	.275	-.630
140	276	-.269	.122	.120	-.713
140	277	-.091	.137	.408	-.519
140	278	.091	.140	.609	-.307
140	279	.151	.133	.648	-.272
140	280	.114	.149	.632	-.321
140	281	.248	.143	.745	-.227
140	282	-.224	.129	.182	-.600
140	283	-.223	.124	.166	-.746
140	284	-.246	.115	.111	-.730
140	285	-.242	.126	.150	-.778
140	286	-.265	.128	.153	-.822
140	287	-.093	.134	.303	-.643
140	288	.055	.124	.420	-.446
140	289	.124	.139	.541	-.347
140	290	.122	.162	.586	-.446
140	291	.248	.150	.754	-.259
140	292	-.286	.121	.126	-.650
140	293	-.273	.130	.199	-.663
140	294	-.249	.129	.229	-.636
140	295	-.221	.128	.193	-.692
140	296	-.290	.123	.094	-.775
140	297	-.122	.128	.353	-.557
140	298	.036	.121	.588	-.400
140	299	.096	.132	.571	-.461
140	300	.062	.139	.600	-.414
140	301	.177	.145	.720	-.404
140	302	-.236	.130	.216	-.741
140	303	-.237	.125	.200	-.680
140	304	-.264	.116	.114	-.675
140	305	-.264	.128	.183	-.702
140	306	-.287	.129	.159	-.764
140	307	-.091	.115	.385	-.483
140	308	.008	.104	.426	-.327
140	309	.055	.116	.490	-.328
140	310	.055	.125	.493	-.388
140	311	.159	.139	.753	-.234
140	312	-.241	.121	.158	-.777
140	313	-.240	.133	.202	-.845
140	314	-.219	.133	.220	-.822
140	315	-.230	.132	.318	-.663
140	316	-.283	.127	.236	-.687
140	317	-.089	.126	.419	-.570
140	318	.038	.125	.543	-.459
140	319	.080	.125	.500	-.324
140	320	.051	.128	.501	-.330
140	321	.155	.142	.711	-.341
140	322	-.211	.129	.171	-.653
140	323	-.209	.120	.185	-.685
140	324	-.234	.112	.149	-.658
140	325	-.271	.123	.158	-.729
140	326	-.002	.114	.386	-.322
140	327	.058	.121	.517	-.363
140	328	.081	.122	.596	-.405
140	329	.169	.129	.818	-.222
140	401	.297	.175	1.083	-.458
140	402	.295	.160	.862	-.212
140	403	.273	.152	.824	-.162
140	404	.225	.163	.780	-.266
140	405	.120	.159	.734	-.321
140	406	.297	.229	1.063	-.715
140	407	.325	.169	.870	-.197
140	408	.370	.190	.971	-.230
140	409	.416	.184	1.049	-.106
140	410	.406	.170	1.000	-.072
140	411	.127	.161	.754	-.338
140	412	.365	.164	1.022	-.263
140	413	.447	.168	1.173	-.141
140	414	.418	.167	.947	-.080
140	415	.375	.147	.835	-.065
140	416	.090	.158	.611	-.429
140	417	.357	.153	.898	-.079
140	418	.385	.154	.916	-.055
140	419	.387	.138	.866	.001
140	420	.312	.158	.827	-.167
140	421	.106	.162	.701	-.397
140	422	.335	.139	.963	-.128
140	423	.382	.129	.950	-.025
140	424	.360	.150	.943	-.110
140	425	.335	.143	.895	-.096
140	426	.070	.143	.603	-.360
140	427	.289	.131	.790	-.143
140	428	.296	.155	.969	-.205
140	429	.317	.143	1.017	-.087
140	430	.302	.147	1.008	-.130
140	431	.081	.140	.596	-.367
140	432	.232	.140	.742	-.162
140	433	.299	.145	.943	-.145
140	434	.277	.134	.874	-.188
140	435	.236	.122	.830	-.178
140	436	-.005	.155	.683	-.492
140	437	.207	.120	.599	-.218
140	438	.256	.133	.818	-.134
140	439	.258	.120	.721	-.095
140	440	.189	.140	.773	-.264
140	441	.038	.150	.656	-.486
140	442	.187	.136	.808	-.202
140	443	.215	.125	.761	-.145
140	444	.181	.140	.801	-.234
140	445	.178	.131	.735	-.224
140	446	-.001	.133	.597	-.433
140	447	.148	.105	.598	-.187
140	448	.139	.125	.623	-.239
140	449	.173	.121	.724	-.204
140	450	.163	.124	.625	-.294
140	451	-.007	.114	.374	-.443
140	452	.115	.120	.566	-.296
140	453	.192	.120	.638	-.232
140	454	.205	.126	.683	-.190
140	455	.182	.113	.631	-.170
140	456	.071	.127	.554	-.358
140	457	.148	.133	.690	-.340
140	458	.182	.116	.816	-.244
140	459	.202	.105	.599	-.124
140	460	.172	.124	.674	-.222
140	461	.198	.121	.683	-.172
140	462	.127	.119	.510	-.263
140	463	.132	.107	.487	-.310
140	501	-.302	.186	.306	-1.345
140	502	-.055	.124	.394	-.522
140	503	-.077	.117	.348	-.464
140	504	-.140	.104	.205	-.466
140	505	-.256	.128	.164	-.668
140	506	-.194	.126	.263	-.633
140	507	-.194	.127	.241	-1.102
140	508	-.198	.116	.194	-.877
140	509	-.230	.207	.456	-.945
140	510	.061	.155	.525	-.671
140	511	.006	.112	.362	-.360
140	512	-.102	.095	.167	-.425
140	513	-.225	.111	.125	-.599
140	514	-.171	.113	.174	-.593
140	515	-.171	.112	.267	-.581
140	516	-.180	.098	.223	-.547
140	517	-.244	.197	.415	-.850
140	518	.050	.155	.565	-.552
140	519	.005	.115	.387	-.393
140	520	-.140	.102	.203	-.504

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	521	-.227	.120	.118	-.643
140	522	-.163	.115	.180	-.534
140	523	-.168	.119	.276	-.591
140	524	-.214	.114	.241	-.630
140	525	-.217	.197	.380	-.888
140	526	.029	.167	.499	-.895
140	527	-.016	.112	.307	-.446
140	528	-.117	.097	.181	-.451
140	529	-.189	.123	.239	-.700
140	530	-.158	.113	.363	-.562
140	531	-.190	.103	.250	-.545
140	532	-.205	.114	.238	-.612
140	533	-.182	.195	.404	-.817
140	534	.019	.145	.476	-.612
140	535	-.054	.106	.315	-.429
140	536	-.171	.114	.225	-.537
140	537	-.172	.112	.221	-.541
140	538	-.164	.113	.262	-.564
140	539	-.199	.105	.206	-.581
140	540	-.211	.117	.211	-.632
140	541	-.187	.186	.390	-.937
140	542	.001	.157	.481	-.753
140	543	-.068	.105	.268	-.459
140	544	-.196	.111	.159	-.574
140	545	-.185	.108	.180	-.544
140	546	-.172	.112	.234	-.613
140	547	-.208	.103	.172	-.604
140	548	-.222	.114	.208	-.684
140	549	-.180	.189	.426	-.894
140	550	-.014	.153	.430	-.660
140	551	-.084	.112	.287	-.441
140	552	-.213	.121	.200	-.606
140	553	-.196	.117	.191	-.586
140	554	-.172	.113	.243	-.578
140	555	-.206	.105	.167	-.607
140	556	-.222	.117	.219	-.668
140	557	-.185	.176	.318	-.875
140	558	-.028	.142	.474	-.732
140	559	-.099	.104	.277	-.561
140	560	-.221	.114	.158	-.719
140	561	-.201	.112	.156	-.672
140	562	-.202	.115	.131	-.567
140	563	-.237	.106	.108	-.575
140	564	-.255	.117	.121	-.640
140	565	-.210	.158	.353	-.921
140	566	-.034	.128	.422	-.756
140	567	-.112	.103	.292	-.466
140	568	-.233	.117	.178	-.581
140	569	-.219	.116	.200	-.589
140	570	-.225	.109	.101	-.620
140	571	-.260	.100	.033	-.606
140	572	-.278	.111	.058	-.678
140	573	-.230	.152	.237	-1.044
140	574	-.069	.116	.315	-.465
140	575	-.136	.100	.227	-.465
140	576	-.224	.116	.203	-.613
140	577	-.229	.119	.190	-.718
140	578	-.227	.118	.226	-.794
140	579	-.260	.109	.150	-.721
140	580	-.296	.138	.134	-1.197
140	581	-.209	.110	.128	-.644
140	582	.020	.125	.431	-.477
140	583	-.204	.121	.190	-.725
140	584	-.128	.104	.215	-.465
140	585	-.193	.122	.201	-.586
140	586	-.243	.133	.210	-.854
140	587	-.226	.129	.197	-.721
140	588	-.226	.113	.122	-.639
140	589	-.286	.134	.120	-.809
140	590	-.198	.116	.208	-.627
140	591	.053	.124	.477	-.457
140	592	-.108	.121	.323	-.562
140	593	-.228	.116	.125	-.714
140	594	-.273	.135	.158	-.800
140	595	-.225	.129	.193	-.697
150	1	-.213	.139	.388	-.701
150	2	-.347	.144	.228	-1.045
150	3	-.308	.161	.305	-.949
150	4	-.278	.153	.277	-.997
150	5	-.299	.143	.139	-.756
150	6	-.346	.128	.034	-.859
150	7	-.355	.166	.193	-1.117
150	8	-.298	.151	.162	-1.007
150	9	-.253	.143	.190	-.851
150	10	-.260	.120	.119	-.725
150	11	-.341	.147	.104	-.970
150	12	-.290	.143	.134	-.983
150	13	-.282	.132	.166	-.747
150	14	-.353	.123	.075	-.796
150	15	-.260	.123	.200	-.889
150	16	-.205	.113	.233	-.589
150	17	.124	.142	.665	-.366
150	18	.239	.150	.905	-.196
150	19	-.375	.193	.216	-1.257
150	20	-.347	.163	.100	-1.036
150	101	-.188	.122	.235	-.744
150	102	-.256	.110	.140	-.656
150	103	-.253	.122	.197	-.702
150	104	-.204	.117	.228	-.616
150	105	-.205	.119	.205	-.591
150	106	-.282	.114	.117	-.725
150	107	-.242	.123	.172	-.900
150	108	-.199	.114	.190	-.748
150	109	-.207	.113	.257	-.619
150	110	-.275	.106	.146	-.677
150	111	-.267	.121	.199	-.780
150	112	-.186	.116	.263	-.572
150	113	-.200	.122	.209	-.731
150	114	-.276	.114	.103	-.775
150	115	-.260	.125	.161	-.825
150	116	-.203	.117	.176	-.699
150	117	-.204	.115	.150	-.601
150	118	-.272	.110	.082	-.682
150	119	-.245	.121	.116	-.663
150	120	-.186	.115	.163	-.597
150	121	-.190	.113	.209	-.559
150	122	-.255	.105	.091	-.600
150	123	-.242	.116	.185	-.607
150	124	-.187	.112	.188	-.532
150	125	-.201	.122	.173	-.729
150	126	-.251	.111	.096	-.849
150	127	-.237	.123	.172	-.883
150	128	-.183	.119	.182	-.807
150	129	-.176	.112	.212	-.541
150	130	-.248	.104	.130	-.585
150	131	-.239	.119	.197	-.652
150	132	-.188	.116	.287	-.595
150	133	-.178	.117	.237	-.583
150	134	-.243	.111	.149	-.632
150	135	-.233	.122	.205	-.674
150	136	-.176	.115	.222	-.627
150	137	-.183	.107	.205	-.607
150	138	-.253	.101	.095	-.624
150	139	-.248	.116	.129	-.652
150	140	-.175	.109	.170	-.574
150	141	-.183	.120	.220	-.562
150	142	-.256	.112	.117	-.626
150	143	-.241	.123	.121	-.618
150	144	-.189	.118	.179	-.541
150	145	-.193	.109	.220	-.556
150	146	-.273	.106	.098	-.825
150	147	-.248	.116	.169	-.671
150	148	-.191	.111	.228	-.613
150	149	-.199	.111	.121	-.577
150	150	-.265	.103	.095	-.605
150	151	-.254	.115	.088	-.671
150	152	-.202	.110	.106	-.664
150	153	-.235	.121	.217	-.902
150	154	-.296	.108	.083	-.748
150	155	-.278	.121	.133	-.791

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	156	-.228	.114	.188	-.721
150	157	-.188	.114	.209	-.574
150	158	-.222	.107	.144	-.603
150	159	-.197	.114	.227	-.591
150	160	-.206	.117	.221	-.645
150	161	-.214	.113	.132	-.654
150	162	-.243	.107	.081	-.701
150	163	-.219	.114	.144	-.874
150	164	-.221	.113	.124	-.710
150	165	-.220	.117	.181	-.683
150	166	-.252	.110	.099	-.657
150	167	-.222	.120	.164	-.705
150	168	-.220	.120	.193	-.803
150	169	-.225	.122	.205	-.838
150	170	-.256	.111	.159	-.850
150	171	-.223	.114	.216	-.717
150	172	-.235	.115	.208	-.798
150	173	-.223	.116	.121	-.600
150	174	-.253	.109	.091	-.607
150	175	-.210	.117	.190	-.621
150	176	-.215	.119	.172	-.627
150	177	-.216	.110	.116	-.894
150	178	-.246	.099	.052	-.636
150	179	-.218	.108	.113	-.649
150	180	-.217	.106	.124	-.622
150	181	-.207	.116	.127	-.687
150	182	-.230	.102	.103	-.618
150	183	-.199	.111	.169	-.718
150	184	-.203	.110	.167	-.557
150	185	-.206	.106	.152	-.545
150	186	-.240	.100	.112	-.832
150	187	-.206	.106	.174	-.790
150	188	-.211	.112	.192	-.953
150	201	-.215	.133	.222	-.789
150	202	-.254	.129	.222	-.764
150	203	-.222	.139	.275	-.819
150	204	-.220	.137	.270	-.875
150	205	-.270	.140	.206	-.752
150	206	-.121	.130	.287	-.615
150	207	.075	.138	.562	-.417
150	208	.113	.141	.654	-.421
150	209	.147	.144	.676	-.285
150	210	.077	.123	.513	-.321
150	211	.100	.148	.702	-.413
150	212	-.188	.119	.171	-.750
150	213	-.216	.113	.189	-.630
150	214	-.312	.130	.106	-.847
150	215	-.308	.156	.173	-1.000
150	216	-.333	.168	.163	-1.069
150	217	-.195	.122	.194	-.639
150	218	.076	.118	.470	-.298
150	219	.181	.137	.679	-.269
150	220	.175	.144	.734	-.264
150	221	.218	.167	.773	-.376
150	222	.271	.152	.751	-.205
150	223	-.186	.115	.238	-.734
150	224	-.178	.115	.247	-.647
150	225	-.165	.113	.174	-.696
150	226	-.196	.105	.114	-.644
150	227	-.188	.116	.188	-.669
150	228	.083	.129	.543	-.361
150	229	.174	.139	.792	-.292
150	230	.215	.135	.798	-.240
150	231	.249	.168	.909	-.471
150	232	-.192	.117	.192	-.599
150	233	-.173	.118	.186	-.623
150	234	-.191	.111	.190	-.565
150	235	-.170	.118	.239	-.569
150	236	-.242	.128	.168	-.667
150	237	.093	.124	.565	-.252
150	238	.237	.127	.694	-.133
150	239	.311	.143	.781	-.113
150	240	.336	.160	.862	-.104
150	241	.411	.171	.959	-.069
150	242	-.207	.113	.142	-.592
150	243	-.175	.122	.282	-.672
150	244	-.199	.114	.204	-.683
150	245	-.217	.126	.236	-.738
150	246	-.245	.130	.208	-.794
150	247	.052	.127	.553	-.367
150	248	.202	.127	.661	-.161
150	249	.260	.147	.768	-.160
150	250	.311	.158	.800	-.212
150	251	.409	.152	1.015	-.064
150	252	-.215	.104	.155	-.680
150	253	-.227	.115	.186	-.762
150	254	-.177	.112	.212	-.738
150	255	-.167	.109	.179	-.561
150	256	-.259	.107	.081	-.648
150	257	-.009	.125	.409	-.542
150	258	.209	.132	.704	-.264
150	259	.277	.148	.823	-.091
150	260	.285	.158	.852	-.107
150	261	.343	.167	.928	-.108
150	262	-.201	.116	.200	-.714
150	263	-.191	.121	.177	-.627
150	264	-.188	.122	.193	-.616
150	265	-.177	.118	.143	-.696
150	266	-.238	.126	.163	-.681
150	267	.001	.145	.603	-.521
150	268	.180	.145	.734	-.274
150	269	.193	.170	.861	-.380
150	270	.273	.178	.968	-.317
150	271	.345	.162	.941	-.144
150	272	-.220	.119	.153	-.642
150	273	-.344	.136	.128	-.862
150	274	-.199	.129	.233	-.750
150	275	-.199	.125	.217	-.609
150	276	-.265	.121	.150	-.651
150	277	-.164	.139	.311	-.655
150	278	.159	.141	.707	-.248
150	279	.250	.155	.896	-.184
150	280	.272	.159	.913	-.165
150	281	.167	.161	.805	-.286
150	282	-.232	.124	.191	-.696
150	283	-.215	.126	.194	-.698
150	284	-.218	.115	.180	-.748
150	285	-.391	.132	.076	-.984
150	286	-.268	.132	.166	-.812
150	287	-.033	.143	.446	-.550
150	288	.136	.139	.611	-.391
150	289	.012	.162	.614	-.580
150	290	.215	.171	.883	-.428
150	291	.285	.149	.805	-.228
150	292	-.246	.131	.214	-.773
150	293	-.443	.146	.079	-1.079
150	294	-.234	.140	.236	-.825
150	295	-.234	.125	.265	-.880
150	296	-.291	.120	.175	-.698
150	297	-.229	.134	.337	-.665
150	298	.104	.130	.678	-.336
150	299	.161	.131	.770	-.238
150	300	.169	.131	.833	-.273
150	301	.046	.141	.714	-.417
150	302	-.244	.132	.188	-.736
150	303	-.246	.120	.129	-.681
150	304	-.253	.110	.083	-.719
150	305	-.468	.126	-.085	-1.025
150	306	-.295	.126	.126	-.797
150	307	-.047	.126	.369	-.417
150	308	.069	.115	.477	-.280
150	309	-.085	.131	.367	-.497
150	310	.124	.135	.625	-.275
150	311	.186	.128	.673	-.199
150	312	-.221	.119	.241	-.627
150	313	-.432	.136	.091	-1.010
150	314	-.230	.135	.246	-.768
150	315	-.243	.144	.210	-.841
150	316	-.258	.131	.142	-.844
150	317	-.230	.140	.317	-.776

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	318	.087	.140	.690	-.423
150	319	.132	.135	.635	-.308
150	320	.131	.137	.665	-.307
150	321	-.004	.147	.672	-.459
150	322	-.218	.138	.222	-.855
150	323	-.216	.128	.245	-.691
150	324	-.233	.120	.163	-.663
150	325	-.464	.137	.056	-.975
150	326	.029	.125	.489	-.419
150	327	.106	.130	.613	-.291
150	328	.145	.127	.776	-.255
150	329	.004	.143	.855	-.436
150	401	.291	.163	1.044	-.227
150	402	.301	.169	1.014	-.285
150	403	.239	.142	.775	-.249
150	404	-.018	.153	.552	-.521
150	405	-.018	.143	.513	-.551
150	406	.353	.190	1.127	-.417
150	407	.370	.157	1.000	-.077
150	408	.177	.190	.996	-.409
150	409	.353	.176	1.183	-.127
150	410	.298	.164	.875	-.225
150	411	-.058	.146	.495	-.551
150	412	.225	.188	.801	-.341
150	413	.399	.187	.937	-.291
150	414	.384	.162	.972	-.052
150	415	.302	.144	.875	-.106
150	416	-.107	.168	.524	-.693
150	417	.416	.162	.977	-.079
150	418	.374	.172	.893	-.268
150	419	.351	.139	.806	-.100
150	420	.217	.155	.744	-.301
150	421	-.081	.159	.461	-.657
150	422	.399	.141	1.065	-.023
150	423	.381	.133	.896	-.025
150	424	.318	.148	.905	-.095
150	425	.267	.139	.810	-.122
150	426	-.080	.144	.502	-.511
150	427	.337	.136	.897	-.078
150	428	.260	.164	.891	-.364
150	429	.281	.141	.835	-.167
150	430	.227	.139	.727	-.215
150	431	-.083	.123	.426	-.498
150	432	.272	.149	.825	-.170
150	433	.295	.155	.884	-.255
150	434	.307	.144	.906	-.116
150	435	.229	.121	.691	-.121
150	436	-.148	.140	.414	-.623
150	437	.293	.141	.843	-.118
150	438	.266	.135	.797	-.436

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	439	.252	.115	.711	-.175
150	440	.139	.135	.667	-.385
150	441	-.074	.145	.472	-.598
150	442	.223	.126	.664	-.202
150	443	.213	.122	.613	-.204
150	444	.154	.134	.621	-.288
150	445	.145	.125	.619	-.254
150	446	-.077	.128	.461	-.474
150	447	.181	.107	.664	-.151
150	448	.137	.125	.644	-.372
150	449	.177	.115	.602	-.254
150	450	.134	.125	.664	-.287
150	451	-.059	.115	.383	-.436
150	452	.116	.134	.602	-.315
150	453	.177	.126	.688	-.223
150	454	.179	.117	.652	-.196
150	455	.152	.103	.533	-.175
150	456	.020	.119	.485	-.371
150	457	.124	.127	.730	-.328
150	458	.203	.122	.646	-.198
150	459	.200	.111	.726	-.159
150	460	.149	.130	.797	-.274
150	461	.191	.124	.775	-.217
150	462	.099	.119	.506	-.321
150	463	.116	.104	.517	-.252
150	501	-.505	.212	.121	-1.584
150	502	-.139	.131	.345	-.694
150	503	-.131	.120	.255	-.618
150	504	-.182	.111	.169	-.659
150	505	-.295	.141	.173	-.859
150	506	-.199	.135	.254	-.783
150	507	-.193	.137	.298	-.850
150	508	-.190	.121	.207	-.651
150	509	-.475	.195	.110	-1.275
150	510	-.147	.202	.386	-.981
150	511	-.084	.122	.396	-.627
150	512	-.159	.104	.226	-.523
150	513	-.274	.121	.157	-.663
150	514	-.189	.120	.226	-.613
150	515	-.166	.112	.176	-.942
150	516	-.172	.098	.133	-.633
150	517	-.477	.178	.110	-1.147
150	518	-.161	.206	.381	-.918
150	519	-.089	.116	.367	-.580
150	520	-.181	.099	.191	-.560
150	521	-.280	.132	.190	-.789
150	522	-.182	.121	.242	-.717
150	523	-.174	.112	.239	-.529
150	524	-.214	.110	.140	-.608
150	525	-.511	.205	.048	-1.365

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	526	-.216	.224	.336	-.983
150	527	-.090	.121	.337	-.604
150	528	-.168	.105	.195	-.571
150	529	-.188	.116	.163	-.635
150	530	-.152	.113	.194	-.494
150	531	-.177	.104	.128	-.500
150	532	-.208	.116	.134	-.602
150	533	-.399	.167	.225	-1.111
150	534	-.205	.211	.349	-.995
150	535	-.127	.113	.222	-.647
150	536	-.218	.117	.174	-.788
150	537	-.178	.114	.187	-.632
150	538	-.168	.112	.197	-.672
150	539	-.192	.104	.139	-.657
150	540	-.231	.118	.135	-.749
150	541	-.424	.189	.074	-1.243
150	542	-.196	.204	.451	-1.002
150	543	-.131	.104	.354	-.531
150	544	-.239	.113	.213	-.657
150	545	-.186	.111	.187	-.525
150	546	-.173	.110	.244	-.630
150	547	-.197	.102	.165	-.625
150	548	-.235	.116	.166	-.787
150	549	-.415	.175	.213	-1.092
150	550	-.161	.198	.305	-1.208
150	551	-.132	.112	.203	-.648
150	552	-.239	.119	.151	-.670
150	553	-.186	.115	.179	-.574
150	554	-.174	.111	.219	-.598
150	555	-.202	.102	.167	-.622
150	556	-.239	.115	.203	-.708
150	557	-.377	.173	.125	-1.082
150	558	-.170	.180	.338	-.928
150	559	-.145	.106	.213	-.622
150	560	-.252	.118	.115	-.682
150	561	-.200	.115	.187	-.609
150	562	-.176	.117	.196	-.609
150	563	-.201	.108	.161	-.642
150	564	-.242	.122	.179	-.947
150	565	-.335	.166	.240	-1.043
150	566	-.155	.165	.342	-.855
150	567	-.151	.111	.306	-.599
150	568	-.267	.127	.279	-.695
150	569	-.219	.126	.303	-.624
150	570	-.200	.106	.175	-.587
150	571	-.225	.098	.116	-.542
150	572	-.266	.113	.131	-.666
150	573	-.322	.158	.099	-1.095
150	574	-.145	.146	.329	-.812
150	575	-.166	.107	.254	-.567

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	576	-.255	.121	.233	-.664
150	577	-.231	.121	.240	-.699
150	578	-.209	.115	.116	-.679
150	579	-.236	.107	.077	-.750
150	580	-.286	.130	.124	-.826
150	581	-.231	.107	.171	-.663
150	582	-.034	.128	.472	-.495
150	583	-.254	.133	.114	-.697
150	584	-.185	.121	.134	-.597
150	585	-.238	.136	.146	-.777
150	586	-.240	.138	.179	-.851
150	587	-.233	.138	.186	-.779
150	588	-.228	.121	.130	-.745
150	589	-.299	.144	.122	-.856
150	590	-.264	.124	.172	-.769
150	591	.001	.129	.390	-.422
150	592	-.163	.123	.210	-.625
150	593	-.243	.118	.174	-.617
150	594	-.297	.137	.176	-.848
150	595	-.239	.130	.191	-.699
160	1	-.235	.142	.297	-.780
160	2	-.359	.144	.113	-.916
160	3	-.344	.165	.140	-.987
160	4	-.284	.150	.172	-.789
160	5	-.332	.146	.094	-.917
160	6	-.377	.130	-.000	-.937
160	7	-.409	.170	.058	-1.069
160	8	-.343	.154	.098	-1.020
160	9	-.251	.142	.221	-.832
160	10	-.283	.123	.175	-.733
160	11	-.357	.143	.098	-.860
160	12	-.301	.137	.131	-.759
160	13	-.273	.131	.183	-.718
160	14	-.347	.123	.075	-.754
160	15	-.267	.130	.158	-.739
160	16	-.198	.120	.247	-.600
160	17	.179	.157	.783	-.369
160	18	.305	.160	.888	-.256
160	19	-.489	.216	.128	-1.368
160	20	-.407	.171	.051	-1.130
160	101	-.196	.127	.209	-.663
160	102	-.274	.117	.093	-.867
160	103	-.266	.129	.139	-.742
160	104	-.207	.123	.221	-.614
160	105	-.209	.124	.244	-.626
160	106	-.302	.126	.129	-.941
160	107	-.261	.131	.199	-.847
160	108	-.215	.125	.205	-.732
160	109	-.222	.118	.170	-.626
160	110	-.291	.110	.054	-.677
160	111	-.281	.124	.147	-.730
160	112	-.200	.118	.197	-.811
160	113	-.196	.125	.253	-.793
160	114	-.281	.119	.147	-.839
160	115	-.262	.127	.215	-.774
160	116	-.201	.117	.230	-.589
160	117	-.202	.116	.153	-.611
160	118	-.274	.115	.082	-.677
160	119	-.246	.124	.177	-.673
160	120	-.182	.116	.210	-.610
160	121	-.208	.120	.210	-.615
160	122	-.274	.110	.124	-.633
160	123	-.263	.123	.178	-.685
160	124	-.198	.119	.230	-.665
160	125	-.208	.127	.220	-.659
160	126	-.256	.111	.147	-.649
160	127	-.239	.124	.208	-.714
160	128	-.195	.120	.197	-.640
160	129	-.187	.122	.204	-.781
160	130	-.266	.116	.088	-.775
160	131	-.254	.130	.143	-.807
160	132	-.196	.130	.194	-.938
160	133	-.178	.115	.259	-.583
160	134	-.243	.107	.164	-.616
160	135	-.245	.120	.166	-.654
160	136	-.178	.110	.213	-.559
160	137	-.197	.115	.156	-.682
160	138	-.272	.111	.085	-.716
160	139	-.263	.130	.150	-.866
160	140	-.185	.114	.153	-.596
160	141	-.167	.112	.206	-.568
160	142	-.254	.108	.098	-.710
160	143	-.236	.120	.169	-.684
160	144	-.181	.115	.224	-.710
160	145	-.208	.121	.235	-.701
160	146	-.293	.117	.159	-.896
160	147	-.264	.125	.167	-1.213
160	148	-.197	.117	.206	-1.014
160	149	-.210	.118	.152	-.713
160	150	-.284	.108	.047	-.728
160	151	-.273	.119	.107	-.723
160	152	-.210	.115	.164	-.688
160	153	-.213	.125	.263	-.644
160	154	-.280	.115	.141	-.903
160	155	-.257	.126	.212	-1.143
160	156	-.215	.119	.227	-.823
160	157	-.180	.120	.318	-.556
160	158	-.200	.109	.252	-.520
160	159	-.188	.121	.318	-.619
160	160	-.195	.127	.294	-.693
160	161	-.202	.132	.267	-.709
160	162	-.213	.122	.226	-.664
160	163	-.217	.134	.264	-.847
160	164	-.213	.129	.255	-.715
160	165	-.209	.119	.174	-.635
160	166	-.220	.111	.123	-.618
160	167	-.208	.124	.217	-.693
160	168	-.205	.124	.181	-.813
160	169	-.199	.128	.169	-.874
160	170	-.239	.129	.123	-.897
160	171	-.225	.131	.172	-.759
160	172	-.232	.133	.165	-.646
160	173	-.222	.119	.206	-.644
160	174	-.237	.112	.167	-.687
160	175	-.201	.124	.249	-.759
160	176	-.207	.131	.210	-1.037
160	177	-.211	.131	.181	-.841
160	178	-.226	.116	.139	-.895
160	179	-.220	.124	.149	-1.179
160	180	-.215	.119	.141	-.898
160	181	-.210	.119	.208	-.675
160	182	-.204	.109	.168	-.895
160	183	-.189	.120	.213	-.946
160	184	-.205	.122	.186	-.922
160	185	-.197	.129	.159	-.851
160	186	-.208	.120	.140	-1.010
160	187	-.192	.124	.177	-.654
160	188	-.203	.130	.159	-.673
160	201	-.237	.141	.169	-.821
160	202	-.289	.132	.101	-.802
160	203	-.279	.146	.144	-.809
160	204	-.283	.149	.130	-.886
160	205	-.333	.145	.081	-.972
160	206	-.038	.122	.379	-.443
160	207	.132	.138	.571	-.312
160	208	.166	.141	.615	-.313
160	209	.177	.155	.740	-.352
160	210	.099	.117	.515	-.244
160	211	.179	.145	.675	-.298
160	212	-.205	.120	.264	-.656
160	213	-.212	.124	.202	-.683
160	214	-.311	.145	.162	-.923
160	215	-.349	.184	.219	-1.054
160	216	-.394	.195	.181	-1.071
160	217	-.186	.136	.271	-.639
160	218	.170	.134	.632	-.237
160	219	.256	.158	.822	-.232
160	220	.240	.156	.747	-.263
160	221	.320	.180	.966	-.222
160	222	.396	.164	1.002	-.153

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	223	-.196	.121	.164	-.682
160	224	-.195	.124	.161	-.779
160	225	-.206	.132	.287	-.790
160	226	-.220	.125	.211	-.722
160	227	-.160	.130	.322	-.601
160	228	.158	.146	.778	-.354
160	229	.242	.148	.799	-.230
160	230	.298	.141	.817	-.129
160	231	.328	.158	.852	-.189
160	232	-.198	.132	.334	-.682
160	233	-.192	.133	.245	-.827
160	234	-.199	.127	.180	-.736
160	235	-.203	.144	.198	-.750
160	236	-.226	.142	.285	-.699
160	237	.171	.149	.669	-.388
160	238	.322	.149	.818	-.133
160	239	.373	.168	.960	-.115
160	240	.399	.177	.979	-.202
160	241	.419	.174	1.051	-.092
160	242	-.189	.115	.143	-.613
160	243	-.188	.128	.177	-.807
160	244	-.206	.119	.131	-.799
160	245	-.252	.137	.125	-.925
160	246	-.224	.133	.269	-.750
160	247	.161	.142	.702	-.310
160	248	.322	.144	.923	-.097
160	249	.364	.167	1.059	-.115
160	250	.423	.167	1.128	-.059
160	251	.425	.168	1.133	-.046
160	252	-.228	.131	.148	-.836
160	253	-.264	.149	.175	-1.026
160	254	-.203	.139	.191	-.847
160	255	-.192	.127	.225	-1.031
160	256	-.263	.122	.152	-.729
160	257	.062	.147	.600	-.399
160	258	.294	.152	.946	-.167
160	259	.333	.145	.796	-.135
160	260	.346	.143	.832	-.100
160	261	.343	.159	.843	-.145
160	262	-.200	.125	.233	-.743
160	263	-.194	.134	.194	-.752
160	264	-.203	.139	.179	-.817
160	265	-.205	.138	.219	-1.079
160	266	-.224	.134	.179	-.905
160	267	.087	.138	.870	-.434
160	268	.262	.135	.997	-.215
160	269	.312	.154	1.088	-.215
160	270	.342	.158	.980	-.184
160	271	.350	.143	1.148	-.061
160	272	-.202	.114	.122	-.770
160	273	-.208	.129	.143	-.885
160	274	-.200	.130	.157	-.818
160	275	-.212	.140	.180	-1.069
160	276	-.229	.125	.135	-.815
160	277	.057	.132	.513	-.400
160	278	.210	.138	.730	-.234
160	279	.283	.139	.914	-.172
160	280	.306	.132	.938	-.162
160	281	.321	.146	.978	-.092
160	282	-.226	.133	.209	-1.029
160	283	-.209	.129	.237	-.758
160	284	-.212	.115	.209	-.679
160	285	-.223	.129	.251	-.698
160	286	-.234	.134	.296	-.707
160	287	.049	.131	.629	-.349
160	288	.185	.125	.723	-.211
160	289	.231	.141	.816	-.222
160	290	.256	.143	.823	-.196
160	291	.307	.157	.917	-.136
160	292	-.259	.135	.184	-1.282
160	293	-.269	.151	.240	-1.116
160	294	-.266	.151	.238	-.960
160	295	-.255	.150	.163	-1.032
160	296	-.249	.132	.136	-.840
160	297	.024	.126	.536	-.414
160	298	.155	.122	.651	-.237
160	299	.196	.136	.884	-.276
160	300	.205	.128	.877	-.205
160	301	.232	.139	.949	-.184
160	302	-.239	.135	.199	-.827
160	303	-.244	.133	.164	-.962
160	304	-.264	.124	.073	-.833
160	305	-.279	.141	.102	-.912
160	306	-.246	.145	.221	-.770
160	307	.011	.117	.491	-.338
160	308	.102	.106	.505	-.233
160	309	.139	.119	.535	-.218
160	310	.165	.120	.570	-.268
160	311	.208	.126	.660	-.187
160	312	-.223	.115	.211	-.716
160	313	-.226	.127	.227	-.704
160	314	-.237	.135	.218	-.828
160	315	-.285	.149	.144	-1.021
160	316	-.251	.126	.174	-.745
160	317	.011	.117	.435	-.348
160	318	.127	.116	.624	-.249
160	319	.163	.122	.609	-.189
160	320	.150	.119	.600	-.187
160	321	.185	.128	.704	-.193
160	322	-.195	.124	.198	-.642
160	323	-.187	.126	.237	-.694
160	324	-.230	.122	.177	-.706
160	325	-.207	.129	.196	-.730
160	326	.090	.115	.476	-.380
160	327	.142	.119	.563	-.296
160	328	.162	.110	.545	-.237
160	329	.194	.121	.609	-.197
160	401	.267	.156	.910	-.190
160	402	.242	.174	.898	-.395
160	403	.161	.129	.650	-.259
160	404	.098	.134	.658	-.393
160	405	-.148	.135	.448	-.744
160	406	.362	.185	1.088	-.248
160	407	.358	.148	.981	-.091
160	408	.263	.174	1.082	-.508
160	409	.277	.141	1.013	-.285
160	410	.189	.150	.715	-.217
160	411	-.226	.129	.354	-.676
160	412	.396	.177	.972	-.106
160	413	.281	.196	.924	-.297
160	414	.297	.148	.894	-.199
160	415	.196	.125	.706	-.220
160	416	-.290	.144	.233	-.758
160	417	.399	.155	.964	-.100
160	418	.255	.176	1.066	-.355
160	419	.275	.127	.857	-.110
160	420	.101	.141	.708	-.333
160	421	-.214	.127	.343	-.590
160	422	.404	.157	.979	-.098
160	423	.265	.150	.796	-.306
160	424	.216	.150	.768	-.273
160	425	.159	.131	.620	-.285
160	426	-.224	.144	.264	-.698
160	427	.362	.141	.857	-.038
160	428	.172	.187	.813	-.400
160	429	.240	.141	.722	-.180
160	430	.127	.132	.589	-.257
160	431	-.197	.121	.280	-.616
160	432	.233	.150	.756	-.241
160	433	.184	.167	.724	-.326
160	434	.219	.126	.715	-.235
160	435	.133	.108	.571	-.243
160	436	-.274	.138	.165	-.712
160	437	.266	.131	.746	-.169
160	438	.190	.161	.694	-.411
160	439	.195	.121	.605	-.187
160	440	.041	.139	.505	-.385
160	441	-.189	.143	.244	-.648
160	442	.235	.123	.700	-.120
160	443	.150	.130	.664	-.298

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	444	.088	.129	.580	-.270
160	445	.084	.121	.529	-.275
160	446	-.176	.130	.281	-.653
160	447	.192	.112	.569	-.253
160	448	.049	.140	.477	-.395
160	449	.124	.115	.521	-.287
160	450	.070	.113	.452	-.318
160	451	-.134	.117	.229	-.661
160	452	.098	.121	.608	-.323
160	453	.128	.114	.551	-.305
160	454	.155	.114	.722	-.218
160	455	.126	.098	.560	-.195
160	456	-.039	.115	.418	-.439
160	457	.106	.128	.611	-.493
160	458	.189	.122	.652	-.174
160	459	.168	.113	.557	-.217
160	460	.094	.128	.516	-.293
160	461	.152	.121	.568	-.211
160	462	.057	.107	.427	-.289
160	463	.111	.100	.475	-.255
160	501	-.828	.270	-.013	-1.861
160	502	-.268	.155	.191	-.915
160	503	-.211	.134	.186	-.922
160	504	-.223	.116	.190	-.732
160	505	-.343	.153	.130	-.956
160	506	-.207	.142	.235	-.787
160	507	-.179	.132	.258	-.805
160	508	-.176	.111	.212	-.816
160	509	-.667	.196	-.079	-1.420
160	510	-.395	.226	.176	-1.217
160	511	-.182	.131	.226	-.717
160	512	-.198	.107	.134	-.604
160	513	-.314	.131	.092	-.883
160	514	-.194	.123	.216	-.753
160	515	-.176	.117	.173	-.584
160	516	-.179	.106	.136	-.601
160	517	-.648	.168	-.135	-1.225
160	518	-.418	.207	.131	-1.146
160	519	-.220	.154	.230	-.767
160	520	-.229	.119	.155	-.692
160	521	-.316	.139	.093	-.926
160	522	-.196	.123	.210	-.771
160	523	-.182	.124	.280	-.650
160	524	-.246	.129	.148	-.862
160	525	-.709	.191	-.029	-1.377
160	526	-.490	.219	.345	-1.259
160	527	-.208	.154	.270	-.972
160	528	-.202	.111	.166	-.669
160	529	-.200	.135	.328	-.865
160	530	-.156	.117	.228	-.603
160	531	-.174	.104	.168	-.513
160	532	-.227	.118	.163	-.626
160	533	-.524	.167	-.015	-1.093
160	534	-.405	.218	.210	-1.386
160	535	-.229	.149	.174	-1.029
160	536	-.272	.143	.242	-.982
160	537	-.194	.131	.298	-.726
160	538	-.146	.118	.284	-.599
160	539	-.165	.108	.235	-.568
160	540	-.219	.123	.243	-.664
160	541	-.508	.173	-.028	-1.206
160	542	-.375	.227	.329	-1.116
160	543	-.221	.151	.303	-.887
160	544	-.276	.141	.301	-.893
160	545	-.192	.130	.271	-.738
160	546	-.172	.116	.227	-.636
160	547	-.191	.105	.186	-.584
160	548	-.252	.122	.152	-.787
160	549	-.533	.170	-.045	-1.121
160	550	-.352	.216	.202	-1.164
160	551	-.208	.134	.173	-1.015
160	552	-.283	.130	.113	-.937
160	553	-.199	.122	.211	-.681
160	554	-.173	.124	.262	-.726
160	555	-.192	.114	.225	-.699
160	556	-.252	.132	.190	-.943
160	557	-.484	.190	.127	-1.498
160	558	-.297	.221	.308	-1.323
160	559	-.192	.132	.238	-.780
160	560	-.288	.145	.195	-.907
160	561	-.210	.147	.259	-.957
160	562	-.184	.125	.211	-.872
160	563	-.204	.115	.155	-.938
160	564	-.268	.134	.166	-.862
160	565	-.456	.181	.143	-1.727
160	566	-.264	.195	.268	-1.249
160	567	-.189	.122	.216	-.780
160	568	-.286	.130	.166	-.781
160	569	-.214	.126	.217	-.722
160	570	-.192	.130	.261	-.809
160	571	-.214	.120	.201	-.905
160	572	-.283	.146	.184	-1.180
160	573	-.428	.184	.087	-1.331
160	574	-.229	.177	.202	-.991
160	575	-.189	.119	.221	-.719
160	576	-.276	.135	.222	-.846
160	577	-.228	.140	.271	-.806
160	578	-.211	.146	.214	-.879
160	579	-.236	.139	.176	-1.008
160	580	-.280	.145	.130	-.908
160	581	-.250	.121	.202	-.675
160	582	-.078	.125	.404	-.571
160	583	-.281	.141	.158	-.805
160	584	-.219	.125	.172	-.686
160	585	-.262	.146	.213	-.766
160	586	-.239	.155	.232	-1.012
160	587	-.219	.144	.204	-.915
160	588	-.220	.127	.175	-.739
160	589	-.291	.153	.162	-.936
160	590	-.290	.135	.154	-.873
160	591	-.020	.126	.422	-.483
160	592	-.185	.127	.249	-.647
160	593	-.215	.125	.220	-.802
160	594	-.277	.143	.237	-1.034
160	595	-.216	.133	.268	-.820
170	1	-.249	.139	.299	-.803
170	2	-.385	.130	.042	-.886
170	3	-.371	.155	.175	-.921
170	4	-.311	.136	.124	-.805
170	5	-.360	.152	-.045	-.969
170	6	-.398	.134	-.017	-.929
170	7	-.427	.178	.107	-1.174
170	8	-.378	.167	.039	-1.091
170	9	-.241	.146	.331	-.848
170	10	-.273	.124	.250	-.697
170	11	-.367	.144	.083	-.933
170	12	-.314	.137	.127	-.889
170	13	-.291	.122	.170	-.767
170	14	-.364	.114	.061	-.775
170	15	-.291	.123	.154	-.696
170	16	-.236	.126	.220	-.758
170	17	.206	.152	.741	-.281
170	18	.276	.146	.717	-.208
170	19	-.430	.188	.168	-1.341
170	20	-.328	.154	.097	-.949
170	101	-.211	.127	.224	-.721
170	102	-.283	.115	.158	-.777
170	103	-.278	.130	.236	-.918
170	104	-.216	.124	.289	-.755
170	105	-.215	.127	.237	-.750
170	106	-.331	.134	.097	-.818
170	107	-.272	.129	.151	-.784
170	108	-.225	.121	.125	-.704
170	109	-.233	.120	.154	-.740
170	110	-.302	.116	.061	-.764
170	111	-.307	.142	.131	-.910
170	112	-.214	.117	.151	-.617
170	113	-.198	.113	.167	-.595
170	114	-.302	.119	.045	-.719
170	115	-.279	.121	.101	-.664

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	116	-.215	.113	.142	-.579
170	117	-.217	.126	.184	-.708
170	118	-.313	.138	.108	-.858
170	119	-.256	.129	.157	-.690
170	120	-.194	.118	.194	-.592
170	121	-.218	.118	.171	-.666
170	122	-.274	.102	.070	-.677
170	123	-.262	.116	.118	-.669
170	124	-.193	.114	.149	-.711
170	125	-.210	.132	.200	-.816
170	126	-.244	.110	.101	-.674
170	127	-.220	.118	.139	-.646
170	128	-.201	.128	.172	-.967
170	129	-.200	.121	.141	-.686
170	130	-.273	.114	.065	-.697
170	131	-.255	.130	.125	-.789
170	132	-.201	.133	.191	-.823
170	133	-.170	.118	.227	-.672
170	134	-.228	.110	.161	-.675
170	135	-.255	.139	.175	-.851
170	136	-.183	.121	.222	-.599
170	137	-.197	.121	.224	-.737
170	138	-.266	.117	.144	-.819
170	139	-.268	.145	.212	-.909
170	140	-.181	.122	.197	-.895
170	141	-.180	.115	.216	-.575
170	142	-.291	.125	.128	-.977
170	143	-.266	.128	.213	-.930
170	144	-.205	.125	.170	-.880
170	145	-.209	.133	.200	-1.129
170	146	-.298	.142	.105	-1.591
170	147	-.264	.131	.153	-.892
170	148	-.187	.118	.211	-.645
170	149	-.212	.138	.155	-.887
170	150	-.272	.116	.059	-.721
170	151	-.261	.133	.130	-.886
170	152	-.196	.128	.197	-.830
170	153	-.204	.130	.236	-.738
170	154	-.266	.114	.078	-.719
170	155	-.237	.124	.160	-.681
170	156	-.215	.132	.205	-.899
170	157	-.179	.126	.175	-.723
170	158	-.176	.115	.158	-.676
170	159	-.175	.126	.198	-.719
170	160	-.187	.132	.220	-.888
170	161	-.186	.141	.225	-.669
170	162	-.172	.126	.196	-.544
170	163	-.221	.157	.192	-1.009
170	164	-.215	.145	.212	-.759
170	165	-.197	.133	.183	-.767
170	166	-.186	.121	.166	-.726
170	167	-.189	.137	.239	-.831
170	168	-.188	.133	.225	-.802
170	169	-.165	.128	.205	-.878
170	170	-.216	.147	.183	-.925
170	171	-.208	.146	.187	-.980
170	172	-.221	.152	.156	-1.134
170	173	-.212	.145	.270	-.768
170	174	-.216	.139	.246	-.842
170	175	-.187	.148	.269	-1.083
170	176	-.187	.146	.345	-1.359
170	177	-.193	.155	.255	-1.267
170	178	-.197	.130	.188	-.782
170	179	-.199	.141	.241	-.732
170	180	-.198	.141	.315	-1.173
170	181	-.190	.138	.196	-.819
170	182	-.157	.127	.215	-.719
170	183	-.146	.132	.306	-.702
170	184	-.192	.160	.286	-1.238
170	185	-.192	.133	.216	-.829
170	186	-.190	.113	.177	-.654
170	187	-.189	.124	.212	-.627
170	188	-.205	.132	.185	-.708
170	201	-.282	.160	.355	-1.052
170	202	-.333	.145	.078	-1.049
170	203	-.340	.165	.090	-1.020
170	204	-.365	.177	.097	-1.045
170	205	-.294	.153	.138	-.859
170	206	.042	.123	.426	-.436
170	207	.154	.134	.623	-.330
170	208	.166	.136	.632	-.290
170	209	.207	.151	.850	-.219
170	210	.108	.133	.536	-.423
170	211	.219	.162	.743	-.366
170	212	-.252	.155	.199	-1.050
170	213	-.279	.162	.163	-1.027
170	214	-.365	.188	.120	-1.273
170	215	-.425	.229	.142	-1.408
170	216	-.481	.231	.139	-1.537
170	217	-.171	.159	.466	-.783
170	218	.218	.134	.712	-.282
170	219	.291	.154	.812	-.323
170	220	.304	.147	.872	-.160
170	221	.319	.180	.894	-.291
170	222	.386	.166	.898	-.172
170	223	-.252	.157	.189	-.958
170	224	-.289	.159	.156	-.915
170	225	-.307	.184	.161	-1.009
170	226	-.324	.171	.148	-1.054
170	227	-.100	.150	.375	-.673
170	228	.209	.149	.811	-.359
170	229	.305	.161	.864	-.189
170	230	.354	.151	.825	-.123
170	231	.372	.169	.936	-.185
170	232	-.219	.152	.236	-.878
170	233	-.283	.172	.282	-.927
170	234	-.323	.183	.195	-1.045
170	235	-.372	.231	.267	-1.283
170	236	-.180	.171	.442	-.878
170	237	.248	.151	.751	-.218
170	238	.374	.143	.882	-.084
170	239	.410	.160	.996	-.105
170	240	.392	.162	1.027	-.113
170	241	.437	.178	1.027	-.132
170	242	-.217	.136	.365	-.726
170	243	-.222	.153	.228	-1.035
170	244	-.248	.151	.144	-1.014
170	245	-.334	.189	.179	-1.176
170	246	-.178	.158	.493	-.881
170	247	.228	.145	.678	-.228
170	248	.356	.145	.783	-.078
170	249	.371	.169	.883	-.139
170	250	.406	.163	.932	-.094
170	251	.440	.173	1.325	-.109
170	252	-.249	.141	.267	-.945
170	253	-.327	.179	.254	-1.179
170	254	-.258	.173	.294	-1.146
170	255	-.258	.180	.171	-1.154
170	256	-.194	.149	.233	-1.037
170	257	.132	.157	.668	-.441
170	258	.317	.157	.824	-.237
170	259	.386	.147	.965	-.062
170	260	.364	.139	.831	-.041
170	261	.332	.162	.930	-.153
170	262	-.221	.144	.187	-1.021
170	263	-.270	.182	.298	-.973
170	264	-.325	.202	.285	-1.130
170	265	-.322	.234	.267	-1.546
170	266	-.214	.167	.335	-1.048
170	267	.159	.145	.727	-.301
170	268	.306	.140	.904	-.135
170	269	.356	.156	1.059	-.136
170	270	.367	.157	1.067	-.128
170	271	.363	.163	.970	-.092
170	272	-.259	.137	.221	-.864
170	273	-.287	.167	.274	-1.019
170	274	-.290	.173	.269	-1.014
170	275	-.327	.222	.146	-1.177
170	276	-.256	.159	.354	-.857
170	277	.134	.144	.763	-.322

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	278	.292	.141	.880	-.117
170	279	.309	.151	.841	-.248
170	280	.284	.137	.801	-.233
170	281	.293	.147	.837	-.241
170	282	-.232	.155	.229	-1.050
170	283	-.273	.174	.275	-1.058
170	284	-.335	.178	.160	-1.241
170	285	-.358	.212	.181	-1.433
170	286	-.217	.176	.354	-1.046
170	287	.104	.142	.779	-.383
170	288	.217	.133	.826	-.209
170	289	.264	.145	.831	-.186
170	290	.282	.144	.800	-.149
170	291	.320	.154	1.014	-.092
170	292	-.280	.153	.177	-.925
170	293	-.318	.178	.235	-1.022
170	294	-.334	.189	.259	-1.178
170	295	-.339	.202	.189	-1.325
170	296	-.256	.167	.331	-.896
170	297	.064	.140	.601	-.387
170	298	.197	.136	.747	-.226
170	299	.243	.133	.789	-.229
170	300	.231	.127	.746	-.177
170	301	.243	.137	.760	-.223
170	302	-.238	.143	.261	-1.037
170	303	-.270	.161	.213	-1.678
170	304	-.342	.170	.115	-1.485
170	305	-.364	.199	.135	-1.457
170	306	-.239	.159	.225	-1.284
170	307	.057	.128	.570	-.426
170	308	.141	.118	.684	-.256
170	309	.182	.130	.785	-.248
170	310	.212	.128	.756	-.196
170	311	.208	.129	.754	-.194
170	312	-.217	.131	.163	-.755
170	313	-.223	.144	.216	-.880
170	314	-.246	.158	.180	-1.084
170	315	-.304	.176	.215	-.982
170	316	-.253	.141	.167	-.778
170	317	.028	.121	.507	-.350
170	318	.152	.124	.605	-.269
170	319	.189	.127	.742	-.303
170	320	.170	.124	.661	-.303
170	321	.182	.133	.732	-.319
170	322	-.190	.134	.252	-.674
170	323	-.192	.126	.150	-.748
170	324	-.289	.135	.082	-.923
170	325	-.222	.141	.203	-.969
170	326	.116	.111	.520	-.235
170	327	.152	.127	.780	-.233
170	328	.165	.120	.677	-.206
170	329	.181	.129	.753	-.236
170	401	.245	.157	.836	-.293
170	402	.094	.197	.635	-.566
170	403	.083	.124	.501	-.341
170	404	.014	.130	.415	-.435
170	405	-.201	.136	.258	-.624
170	406	.374	.181	.997	-.116
170	407	.357	.160	.895	-.073
170	408	.114	.209	.773	-.684
170	409	.216	.152	.745	-.355
170	410	.112	.141	.684	-.439
170	411	-.282	.143	.235	-.829
170	412	.362	.168	1.207	-.303
170	413	.127	.189	.774	-.499
170	414	.222	.145	.748	-.238
170	415	.121	.123	.526	-.260
170	416	-.349	.164	.239	-.865
170	417	.385	.163	.928	-.106
170	418	.100	.180	.964	-.589
170	419	.198	.123	.862	-.202
170	420	.007	.139	.740	-.478
170	421	-.230	.143	.364	-.725
170	422	.328	.143	.834	-.146
170	423	.098	.158	.635	-.410
170	424	.093	.143	.572	-.412
170	425	.071	.124	.519	-.354
170	426	-.235	.136	.262	-.712
170	427	.326	.132	.804	-.117
170	428	-.001	.181	.635	-.767
170	429	.161	.125	.646	-.258
170	430	.062	.124	.480	-.335
170	431	-.238	.128	.218	-.670
170	432	.203	.151	.733	-.286
170	433	.077	.165	.684	-.456
170	434	.143	.130	.604	-.255
170	435	.056	.110	.493	-.282
170	436	-.368	.159	.181	-1.004
170	437	.245	.148	.767	-.271
170	438	.087	.151	.671	-.435
170	439	.139	.105	.530	-.196
170	440	-.040	.124	.376	-.493
170	441	-.245	.125	.141	-.816
170	442	.215	.129	.654	-.216
170	443	.092	.130	.577	-.432
170	444	.035	.130	.572	-.491
170	445	.043	.117	.511	-.434
170	446	-.212	.124	.220	-.698
170	447	.186	.107	.544	-.199
170	448	-.008	.143	.433	-.551
170	449	.100	.113	.468	-.356
170	450	.050	.112	.544	-.287
170	451	-.178	.115	.343	-.625
170	452	.112	.133	.604	-.297
170	453	.111	.118	.495	-.305
170	454	.147	.124	.557	-.302
170	455	.114	.109	.468	-.276
170	456	-.069	.130	.323	-.536
170	457	.113	.134	.733	-.684
170	458	.214	.127	.774	-.160
170	459	.160	.119	.586	-.234
170	460	.083	.131	.584	-.324
170	461	.151	.122	.671	-.220
170	462	.051	.109	.367	-.328
170	463	.124	.107	.450	-.217
170	501	-.722	.312	-.018	-1.950
170	502	-.379	.173	.122	-1.317
170	503	-.281	.151	.199	-.940
170	504	-.248	.128	.149	-.810
170	505	-.362	.160	.144	-.954
170	506	-.219	.138	.214	-.836
170	507	-.211	.139	.184	-.911
170	508	-.210	.123	.175	-.878
170	509	-.635	.243	.071	-1.621
170	510	-.484	.216	.152	-1.322
170	511	-.285	.150	.156	-.951
170	512	-.231	.120	.106	-.781
170	513	-.327	.140	.064	-.934
170	514	-.201	.131	.171	-.752
170	515	-.178	.123	.176	-.612
170	516	-.182	.110	.160	-.711
170	517	-.562	.209	-.012	-1.334
170	518	-.439	.198	.111	-1.211
170	519	-.312	.162	.174	-.934
170	520	-.278	.140	.192	-.825
170	521	-.328	.155	.177	-1.072
170	522	-.205	.137	.261	-.824
170	523	-.199	.131	.253	-.694
170	524	-.280	.139	.116	-.949
170	525	-.617	.249	.056	-1.435
170	526	-.488	.224	.125	-1.274
170	527	-.306	.179	.211	-1.276
170	528	-.242	.143	.266	-1.116
170	529	-.243	.164	.267	-1.105
170	530	-.206	.149	.209	-.810
170	531	-.207	.126	.155	-.776
170	532	-.268	.146	.184	-1.060
170	533	-.462	.223	.207	-1.525
170	534	-.388	.203	.176	-1.486
170	535	-.299	.160	.161	-1.008

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	536	-.321	.172	.230	-1.086
170	537	-.218	.154	.218	-.827
170	538	-.183	.141	.239	-.757
170	539	-.186	.118	.206	-.625
170	540	-.249	.132	.182	-.896
170	541	-.460	.186	.058	-1.204
170	542	-.405	.188	.117	-1.211
170	543	-.284	.148	.198	-.975
170	544	-.315	.161	.229	-1.244
170	545	-.214	.151	.282	-.948
170	546	-.191	.138	.303	-.737
170	547	-.199	.120	.249	-.676
170	548	-.266	.141	.220	-1.298
170	549	-.481	.199	.206	-1.448
170	550	-.415	.198	.166	-1.224
170	551	-.304	.156	.189	-.950
170	552	-.338	.163	.150	-1.074
170	553	-.235	.147	.216	-.965
170	554	-.186	.137	.259	-.813
170	555	-.198	.120	.198	-.754
170	556	-.268	.140	.243	-.921
170	557	-.508	.198	.111	-1.509
170	558	-.380	.198	.212	-1.350
170	559	-.255	.149	.161	-1.014
170	560	-.311	.151	.232	-.998
170	561	-.217	.143	.229	-.941
170	562	-.208	.142	.220	-.954
170	563	-.222	.126	.162	-.849
170	564	-.298	.147	.162	-1.037
170	565	-.502	.195	.066	-1.375
170	566	-.322	.176	.180	-1.109
170	567	-.218	.130	.140	-.782
170	568	-.289	.138	.161	-.893
170	569	-.202	.134	.216	-.849
170	570	-.188	.142	.238	-.794
170	571	-.211	.131	.192	-.798
170	572	-.291	.158	.193	-1.156
170	573	-.459	.176	.000	-1.262
170	574	-.265	.167	.213	-1.133
170	575	-.202	.121	.164	-.742
170	576	-.275	.136	.161	-1.012
170	577	-.200	.138	.236	-1.125
170	578	-.207	.152	.226	-.930
170	579	-.231	.147	.185	-1.344
170	580	-.257	.164	.267	-1.036
170	581	-.263	.130	.149	-.868
170	582	-.092	.132	.362	-.545
170	583	-.266	.142	.175	-1.018
170	584	-.209	.128	.177	-.915
170	585	-.254	.151	.223	-1.009

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	586	-.213	.162	.266	-.978
170	587	-.202	.149	.320	-.796
170	588	-.195	.128	.261	-.722
170	589	-.269	.161	.268	-1.412
170	590	-.254	.125	.197	-.729
170	591	-.038	.117	.386	-.494
170	592	-.171	.139	.313	-.600
170	593	-.178	.134	.306	-.818
170	594	-.241	.154	.335	-1.024
170	595	-.176	.142	.379	-.870
180	1	-.233	.136	.274	-.758
180	2	-.383	.131	.049	-1.008
180	3	-.350	.152	.213	-.909
180	4	-.314	.141	.138	-1.117
180	5	-.372	.159	.172	-.989
180	6	-.413	.141	.101	-.936
180	7	-.418	.174	.136	-1.159
180	8	-.390	.171	.175	-1.164
180	9	-.221	.143	.759	-.697
180	10	-.279	.132	.451	-.722
180	11	-.352	.146	.148	-.966
180	12	-.285	.136	.190	-.944
180	13	-.298	.124	.098	-.792
180	14	-.380	.118	-.007	-.801
180	15	-.307	.126	.105	-.756
180	16	-.246	.134	.158	-.819
180	17	.278	.171	.978	-.293
180	18	.295	.157	.918	-.228
180	19	-.403	.202	.136	-1.604
180	20	-.302	.167	.196	-1.185
180	101	-.216	.130	.179	-.816
180	102	-.291	.119	.184	-.731
180	103	-.287	.135	.229	-.783
180	104	-.218	.130	.230	-.722
180	105	-.219	.138	.253	-.912
180	106	-.334	.137	.093	-.832
180	107	-.276	.129	.137	-.734
180	108	-.219	.122	.207	-.669
180	109	-.217	.121	.244	-.614
180	110	-.293	.119	.143	-.670
180	111	-.305	.150	.232	-.899
180	112	-.208	.122	.199	-.731
180	113	-.203	.111	.161	-.580
180	114	-.311	.111	.054	-.729
180	115	-.282	.119	.117	-.722
180	116	-.212	.113	.182	-.634
180	117	-.222	.122	.151	-.650
180	118	-.320	.133	.106	-1.146
180	119	-.276	.124	.131	-.788
180	120	-.191	.111	.193	-.542

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	121	-.238	.145	.203	-.938
180	122	-.288	.120	.098	-.762
180	123	-.268	.131	.172	-.756
180	124	-.197	.125	.243	-.608
180	125	-.231	.142	.202	-.948
180	126	-.283	.117	.057	-.770
180	127	-.250	.124	.175	-.706
180	128	-.244	.141	.171	-.860
180	129	-.209	.124	.160	-.745
180	130	-.281	.116	.099	-.781
180	131	-.262	.129	.185	-.684
180	132	-.201	.129	.197	-.717
180	133	-.194	.114	.184	-.551
180	134	-.254	.104	.101	-.608
180	135	-.289	.135	.118	-1.050
180	136	-.200	.113	.175	-.594
180	137	-.191	.113	.148	-.712
180	138	-.260	.108	.085	-.755
180	139	-.256	.127	.161	-.761
180	140	-.187	.107	.138	-.569
180	141	-.187	.114	.181	-.631
180	142	-.312	.124	.010	-.885
180	143	-.278	.128	.109	-.731
180	144	-.205	.124	.194	-.586
180	145	-.201	.132	.203	-.745
180	146	-.290	.128	.117	-.817
180	147	-.279	.139	.196	-.782
180	148	-.191	.125	.235	-.652
180	149	-.221	.132	.164	-.986
180	150	-.281	.116	.049	-.884
180	151	-.259	.128	.123	-.867
180	152	-.187	.120	.202	-.797
180	153	-.202	.129	.202	-.692
180	154	-.285	.119	.148	-.729
180	155	-.246	.127	.223	-.688
180	156	-.235	.154	.186	-1.227
180	157	-.206	.130	.132	-.697
180	158	-.184	.117	.111	-.710
180	159	-.176	.128	.177	-.750
180	160	-.204	.136	.182	-.822
180	161	-.196	.145	.241	-.830
180	162	-.160	.125	.220	-.622
180	163	-.233	.176	.284	-1.387
180	164	-.230	.153	.256	-.951
180	165	-.198	.140	.206	-.924
180	166	-.171	.125	.176	-.735
180	167	-.170	.137	.259	-.802
180	168	-.178	.135	.370	-.743
180	169	-.178	.134	.216	-.675
180	170	-.241	.150	.358	-.808

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	171	-.234	.151	.213	-.840
180	172	-.255	.157	.196	-1.090
180	173	-.208	.140	.272	-.857
180	174	-.191	.127	.213	-.769
180	175	-.149	.136	.329	-.821
180	176	-.145	.130	.299	-.690
180	177	-.200	.171	.270	-1.546
180	178	-.188	.129	.301	-.806
180	179	-.200	.145	.266	-.808
180	180	-.222	.149	.218	-.759
180	181	-.219	.154	.213	-.970
180	182	-.142	.123	.268	-.690
180	183	-.122	.130	.310	-.881
180	184	-.208	.177	.234	-1.230
180	185	-.189	.137	.231	-.803
180	186	-.178	.121	.178	-.773
180	187	-.184	.133	.195	-.788
180	188	-.218	.144	.164	-.894
180	201	-.273	.164	.285	-1.005
180	202	-.325	.151	.185	-.908
180	203	-.372	.178	.248	-1.027
180	204	-.427	.184	.190	-1.117
180	205	-.211	.172	.355	-.790
180	206	.133	.145	.644	-.332
180	207	.201	.153	.723	-.246
180	208	.190	.152	.777	-.287
180	209	.196	.151	.727	-.355
180	210	.137	.125	.550	-.230
180	211	-.252	.152	.792	-.190
180	212	-.270	.160	.263	-.948
180	213	-.286	.151	.181	-.876
180	214	-.390	.180	.076	-1.178
180	215	-.464	.227	.141	-1.446
180	216	-.456	.204	.164	-1.179
180	217	-.102	.169	.515	-.761
180	218	.242	.148	.724	-.346
180	219	.284	.165	.869	-.386
180	220	.309	.147	.761	-.174
180	221	.319	.172	.939	-.185
180	222	.374	.157	.964	-.107
180	223	-.231	.157	.228	-.868
180	224	-.304	.156	.189	-.857
180	225	-.475	.201	.119	-1.573
180	226	-.440	.171	.045	-1.045
180	227	.005	.165	.656	-.539
180	228	.303	.178	.881	-.308
180	229	.339	.164	1.018	-.148
180	230	.378	.147	1.011	-.048
180	231	.358	.160	1.019	-.113
180	232	-.196	.129	.263	-.758
180	233	-.313	.165	.230	-.950
180	234	-.452	.182	.079	-1.176
180	235	-.549	.229	.083	-1.442
180	236	-.102	.189	.645	-.835
180	237	.354	.163	.899	-.120
180	238	.463	.153	.934	-.018
180	239	.470	.167	.986	-.063
180	240	.409	.165	.990	-.094
180	241	.391	.179	1.123	-.199
180	242	-.194	.130	.238	-.788
180	243	-.346	.194	.186	-1.061
180	244	-.434	.191	.107	-1.077
180	245	-.603	.251	.064	-1.443
180	246	-.109	.185	.543	-.786
180	247	.301	.152	.871	-.204
180	248	.397	.146	.959	-.079
180	249	.379	.171	1.070	-.135
180	250	.368	.159	1.051	-.123
180	251	.349	.161	.909	-.344
180	252	-.226	.125	.168	-.813
180	253	-.437	.201	.133	-1.336
180	254	-.433	.215	.179	-1.302
180	255	-.496	.242	.266	-1.318
180	256	-.146	.184	.440	-.929
180	257	.202	.173	.816	-.458
180	258	.362	.158	.935	-.126
180	259	.417	.159	1.069	-.111
180	260	.367	.146	.927	-.073
180	261	.315	.177	1.194	-.238
180	262	-.225	.135	.262	-.872
180	263	-.320	.180	.274	-.983
180	264	-.487	.202	.157	-1.202
180	265	-.525	.215	.082	-1.255
180	266	-.171	.198	.494	-.819
180	267	.221	.147	.727	-.245
180	268	.315	.137	.814	-.102
180	269	.327	.148	.825	-.130
180	270	.302	.143	.813	-.144
180	271	.342	.163	.993	-.195
180	272	-.253	.138	.113	-.907
180	273	-.391	.197	.291	-1.415
180	274	-.476	.201	.196	-1.399
180	275	-.542	.242	.170	-1.427
180	276	-.188	.181	.515	-1.055
180	277	.203	.169	.867	-.383
180	278	.331	.163	.953	-.288
180	279	.327	.138	.844	-.091
180	280	.280	.131	.833	-.088
180	281	.274	.151	.858	-.173
180	282	-.208	.144	.243	-1.066
180	283	-.309	.175	.294	-1.258
180	284	-.465	.179	.011	-1.354
180	285	-.533	.223	.030	-1.652
180	286	-.148	.192	.517	-.878
180	287	.190	.152	.902	-.252
180	288	.284	.145	.819	-.114
180	289	.299	.156	.888	-.116
180	290	.283	.147	.875	-.098
180	291	.261	.155	.946	-.268
180	292	-.229	.129	.215	-.840
180	293	-.329	.178	.168	-1.058
180	294	-.415	.192	.185	-1.246
180	295	-.489	.225	.284	-1.537
180	296	-.199	.165	.448	-.846
180	297	.107	.144	.679	-.371
180	298	.223	.138	.783	-.194
180	299	.263	.143	.778	-.241
180	300	.232	.134	.755	-.215
180	301	.229	.153	.817	-.262
180	302	-.235	.141	.176	-1.069
180	303	-.275	.152	.221	-.986
180	304	-.420	.157	.050	-1.041
180	305	-.482	.193	.085	-1.216
180	306	-.189	.172	.371	-.830
180	307	.089	.135	.537	-.318
180	308	.146	.122	.604	-.247
180	309	.159	.133	.718	-.271
180	310	.176	.129	.797	-.213
180	311	.201	.125	.689	-.217
180	312	-.213	.121	.153	-.761
180	313	-.239	.135	.184	-.766
180	314	-.300	.152	.170	-.942
180	315	-.341	.170	.141	-1.052
180	316	-.215	.149	.409	-.747
180	317	.049	.130	.627	-.349
180	318	.173	.126	.619	-.216
180	319	.189	.125	.619	-.280
180	320	.169	.121	.630	-.299
180	321	.164	.133	.666	-.320
180	322	-.188	.135	.246	-.659
180	323	-.162	.131	.294	-.663
180	324	-.276	.137	.127	-.919
180	325	-.195	.162	.315	-.955
180	326	.131	.124	.587	-.249
180	327	.173	.127	.638	-.243
180	328	.174	.116	.605	-.218
180	329	.176	.128	.637	-.215
180	401	.199	.150	.755	-.326
180	402	-.085	.203	.534	-.990
180	403	.031	.120	.454	-.409

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	404	-.035	.127	.391	-.559
180	405	-.138	.125	.266	-.653
180	406	.307	.167	.927	-.217
180	407	.277	.155	.770	-.348
180	408	-.074	.210	.685	-.968
180	409	.134	.144	.628	-.413
180	410	.078	.130	.579	-.357
180	411	-.163	.117	.265	-.555
180	412	.294	.173	.868	-.254
180	413	-.025	.191	.771	-.771
180	414	.126	.144	.659	-.353
180	415	.070	.118	.504	-.306
180	416	-.121	.127	.314	-.639
180	417	.269	.166	.920	-.227
180	418	-.028	.176	.475	-.776
180	419	.130	.122	.516	-.250
180	420	.079	.125	.465	-.305
180	421	-.119	.126	.272	-.530
180	422	.283	.145	.862	-.209
180	423	-.013	.147	.460	-.517
180	424	.148	.123	.567	-.301
180	425	.054	.116	.465	-.353
180	426	-.166	.128	.234	-.632
180	427	.256	.115	.619	-.153
180	428	.002	.153	.532	-.607
180	429	.101	.113	.462	-.244
180	430	.027	.111	.421	-.350
180	431	-.184	.112	.204	-.560
180	432	.245	.133	.825	-.200
180	433	-.037	.149	.492	-.593
180	434	.086	.122	.580	-.424
180	435	.023	.102	.391	-.391
180	436	-.201	.127	.177	-.633
180	437	.200	.135	.650	-.327
180	438	-.010	.162	.500	-.689
180	439	.092	.107	.440	-.208
180	440	.049	.114	.448	-.325
180	441	-.219	.124	.220	-.718
180	442	.170	.138	.817	-.243
180	443	.018	.144	.552	-.444
180	444	.113	.125	.629	-.273
180	445	.017	.122	.452	-.356
180	446	-.203	.126	.199	-.715
180	447	.174	.112	.622	-.173
180	448	.091	.142	.605	-.479
180	449	.097	.116	.548	-.276
180	450	.037	.106	.331	-.339
180	451	-.166	.103	.151	-.487
180	452	.204	.115	.632	-.187
180	453	.096	.119	.418	-.288
180	454	.114	.108	.500	-.241
180	455	.091	.093	.434	-.236
180	456	.045	.100	.440	-.340
180	457	.104	.123	.593	-.325
180	458	.183	.126	.740	-.200
180	459	.104	.116	.557	-.290
180	460	.156	.112	.570	-.211
180	461	.126	.115	.551	-.250
180	462	.039	.108	.436	-.309
180	463	.116	.104	.507	-.197
180	501	-.246	.142	.183	-.890
180	502	-.271	.134	.145	-.814
180	503	-.269	.149	.216	-.842
180	504	-.244	.131	.168	-.814
180	505	-.212	.143	.252	-.819
180	506	-.228	.139	.244	-.870
180	507	-.202	.124	.196	-.779
180	508	-.194	.107	.122	-.669
180	509	-.212	.128	.160	-.763
180	510	-.248	.134	.125	-.834
180	511	-.256	.141	.213	-.843
180	512	-.239	.127	.179	-.810
180	513	-.225	.134	.221	-.758
180	514	-.221	.137	.203	-.795
180	515	-.190	.124	.225	-.696
180	516	-.186	.107	.194	-.580
180	517	-.202	.132	.307	-.720
180	518	-.243	.142	.283	-.897
180	519	-.237	.144	.280	-.773
180	520	-.259	.134	.214	-.804
180	521	-.207	.134	.204	-.899
180	522	-.218	.130	.224	-.720
180	523	-.176	.114	.178	-.584
180	524	-.292	.136	.281	-.778
180	525	-.215	.151	.192	-.854
180	526	-.246	.153	.151	-.917
180	527	-.240	.144	.206	-.877
180	528	-.228	.119	.149	-.727
180	529	-.244	.145	.257	-1.082
180	530	-.203	.136	.195	-.882
180	531	-.163	.113	.168	-.621
180	532	-.260	.126	.148	-.814
180	533	-.247	.156	.137	-.959
180	534	-.247	.161	.222	-.896
180	535	-.252	.145	.189	-.867
180	536	-.329	.166	.133	-1.063
180	537	-.237	.157	.183	-.924
180	538	-.214	.141	.232	-.923
180	539	-.193	.116	.128	-.693
180	540	-.274	.129	.113	-.866
180	541	-.290	.168	.140	-.956
180	542	-.281	.174	.160	-1.135
180	543	-.267	.146	.113	-.826
180	544	-.335	.161	.094	-1.006
180	545	-.237	.151	.302	-.836
180	546	-.207	.142	.211	-.905
180	547	-.192	.123	.204	-.743
180	548	-.270	.137	.138	-.909
180	549	-.312	.172	.177	-.939
180	550	-.313	.175	.167	-1.215
180	551	-.290	.144	.146	-.869
180	552	-.355	.161	.166	-.984
180	553	-.253	.149	.246	-.849
180	554	-.224	.150	.216	-1.541
180	555	-.210	.126	.174	-1.015
180	556	-.292	.142	.201	-.805
180	557	-.365	.178	.111	-1.086
180	558	-.334	.174	.168	-1.313
180	559	-.289	.144	.162	-.995
180	560	-.353	.166	.151	-.987
180	561	-.254	.159	.266	-.887
180	562	-.214	.149	.251	-1.110
180	563	-.211	.131	.174	-.773
180	564	-.304	.149	.173	-1.052
180	565	-.384	.166	.088	-1.170
180	566	-.317	.150	.125	-1.003
180	567	-.244	.129	.210	-.693
180	568	-.320	.148	.210	-.836
180	569	-.231	.145	.271	-.906
180	570	-.216	.149	.263	-.944
180	571	-.216	.133	.175	-.776
180	572	-.308	.157	.149	-1.066
180	573	-.428	.202	.131	-1.533
180	574	-.280	.167	.257	-.905
180	575	-.196	.131	.231	-.684
180	576	-.280	.151	.192	-.862
180	577	-.209	.159	.255	-.830
180	578	-.210	.155	.245	-.975
180	579	-.222	.141	.156	-.872
180	580	-.266	.154	.177	-.884
180	581	-.244	.132	.203	-.798
180	582	-.100	.121	.327	-.567
180	583	-.246	.142	.179	-.748
180	584	-.191	.126	.169	-.695
180	585	-.243	.148	.222	-.769
180	586	-.196	.154	.291	-.749
180	587	-.189	.144	.311	-.836
180	588	-.179	.124	.237	-.715
180	589	-.242	.143	.271	-1.073
180	590	-.247	.134	.170	-.741

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	591	-.039	.113	.441	-.447
180	592	-.164	.125	.270	-.583
180	593	-.167	.125	.231	-.912
180	594	-.229	.150	.234	-1.336
180	595	-.155	.143	.375	-1.223
190	1	-.200	.130	.280	-.722
190	2	-.389	.128	.020	-.882
190	3	-.291	.143	.182	-.847
190	4	-.335	.147	.180	-.903
190	5	-.412	.157	.098	-.913
190	6	-.444	.139	.024	-.911
190	7	-.429	.164	.131	-.994
190	8	-.427	.160	.054	-1.033
190	9	-.146	.131	.381	-.585
190	10	-.248	.120	.296	-.634
190	11	-.304	.130	.131	-.751
190	12	-.244	.120	.157	-.672
190	13	-.243	.118	.133	-.692
190	14	-.323	.111	.041	-.769
190	15	-.249	.117	.155	-.696
190	16	-.189	.113	.138	-.623
190	17	.307	.172	.912	-.213
190	18	.264	.159	.839	-.213
190	19	-.394	.186	.096	-1.188
190	20	-.294	.148	.132	-.936
190	101	-.194	.124	.241	-.690
190	102	-.271	.119	.113	-.695
190	103	-.264	.135	.128	-.759
190	104	-.190	.126	.249	-.646
190	105	-.206	.124	.197	-.639
190	106	-.371	.128	.036	-.811
190	107	-.255	.122	.131	-.689
190	108	-.192	.115	.173	-.614
190	109	-.201	.119	.212	-.608
190	110	-.277	.115	.119	-.697
190	111	-.390	.191	.071	-1.235
190	112	-.201	.120	.166	-.610
190	113	-.182	.110	.199	-.552
190	114	-.283	.109	.097	-.674
190	115	-.258	.118	.171	-.640
190	116	-.184	.110	.212	-.509
190	117	-.190	.116	.224	-.603
190	118	-.262	.110	.138	-.877
190	119	-.269	.122	.218	-.718
190	120	-.184	.113	.262	-.557
190	121	-.204	.124	.252	-.683
190	122	-.259	.113	.121	-.675
190	123	-.243	.125	.166	-.716
190	124	-.172	.119	.231	-.646
190	125	-.190	.109	.157	-.600
190	126	-.285	.108	.079	-.797
190	127	-.254	.118	.161	-.686
190	128	-.224	.119	.179	-.933
190	129	-.182	.113	.172	-.623
190	130	-.252	.106	.079	-.685
190	131	-.236	.120	.131	-.712
190	132	-.167	.113	.176	-.593
190	133	-.200	.112	.143	-.566
190	134	-.261	.104	.080	-.618
190	135	-.280	.127	.123	-.813
190	136	-.191	.111	.165	-.554
190	137	-.193	.112	.176	-.596
190	138	-.266	.106	.079	-.600
190	139	-.253	.120	.169	-.651
190	140	-.208	.119	.185	-.783
190	141	-.188	.105	.170	-.521
190	142	-.293	.106	.044	-.708
190	143	-.264	.113	.102	-.631
190	144	-.190	.106	.163	-.504
190	145	-.194	.117	.223	-.629
190	146	-.272	.112	.126	-.684
190	147	-.286	.133	.152	-.767
190	148	-.195	.121	.217	-.631
190	149	-.230	.129	.200	-.901
190	150	-.284	.109	.074	-.713
190	151	-.265	.120	.147	-.669
190	152	-.191	.113	.185	-.582
190	153	-.190	.113	.211	-.726
190	154	-.294	.116	.051	-.720
190	155	-.258	.122	.115	-.732
190	156	-.238	.129	.130	-.989
190	157	-.189	.122	.309	-.720
190	158	-.154	.105	.231	-.664
190	159	-.160	.115	.282	-.799
190	160	-.186	.118	.263	-.951
190	161	-.218	.144	.202	-.796
190	162	-.160	.120	.218	-.615
190	163	-.248	.163	.167	-1.254
190	164	-.240	.145	.241	-.876
190	165	-.206	.125	.188	-.713
190	166	-.171	.110	.156	-.645
190	167	-.177	.122	.197	-.694
190	168	-.206	.134	.157	-.823
190	169	-.175	.120	.209	-.643
190	170	-.230	.128	.133	-1.045
190	171	-.222	.126	.155	-.647
190	172	-.248	.130	.121	-.800
190	173	-.215	.130	.194	-.763
190	174	-.184	.116	.168	-.616
190	175	-.164	.135	.274	-.872
190	176	-.163	.132	.218	-.682
190	177	-.183	.150	.216	-1.081
190	178	-.159	.109	.192	-.570
190	179	-.186	.119	.216	-.657
190	180	-.220	.126	.175	-.856
190	181	-.220	.136	.258	-.909
190	182	-.136	.129	.280	-.721
190	183	-.125	.133	.321	-.591
190	184	-.212	.161	.254	-1.383
190	185	-.178	.128	.205	-.861
190	186	-.162	.112	.149	-.687
190	187	-.177	.127	.192	-.940
190	188	-.218	.135	.174	-1.095
190	201	-.225	.132	.221	-.786
190	202	-.235	.133	.180	-.852
190	203	-.409	.168	.155	-1.076
190	204	-.414	.187	.141	-1.126
190	205	-.080	.169	.584	-.682
190	206	.203	.127	.748	-.197
190	207	.189	.132	.665	-.287
190	208	.161	.133	.579	-.309
190	209	.146	.143	.695	-.319
190	210	.160	.131	.716	-.242
190	211	.268	.158	.891	-.215
190	212	-.250	.132	.181	-.832
190	213	-.271	.139	.167	-.857
190	214	-.458	.168	.048	-1.161
190	215	-.558	.219	.074	-1.452
190	216	-.412	.237	.259	-1.363
190	217	.007	.194	.716	-.618
190	218	.287	.139	.876	-.121
190	219	.298	.151	.956	-.138
190	220	.260	.139	.789	-.142
190	221	.266	.161	1.018	-.211
190	222	.296	.146	.923	-.133
190	223	-.147	.118	.248	-.815
190	224	-.218	.131	.175	-.784
190	225	-.351	.186	.048	-1.141
190	226	-.256	.184	.165	-.909
190	227	.166	.180	.721	-.475
190	228	.326	.168	.981	-.195
190	229	.342	.153	.865	-.189
190	230	.361	.132	.810	-.054
190	231	.304	.139	.713	-.112
190	232	-.160	.112	.227	-.579
190	233	-.216	.157	.216	-.850
190	234	-.346	.163	.116	-.905
190	235	-.375	.233	.266	-1.199
190	236	.116	.199	.761	-.691
190	237	.386	.166	.941	-.115

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	238	.435	.147	.976	.011
190	239	.409	.159	1.007	-.072
190	240	.291	.158	.827	-.154
190	241	.277	.177	.939	-.253
190	242	-.131	.098	.175	-.495
190	243	-.263	.179	.243	-1.199
190	244	-.403	.165	.006	-1.028
190	245	-.544	.250	.151	-1.437
190	246	.076	.195	.789	-.631
190	247	.391	.173	.955	-.108
190	248	.426	.153	.872	-.060
190	249	.359	.168	.927	-.218
190	250	.283	.146	.819	-.209
190	251	.274	.183	1.029	-.284
190	252	-.180	.108	.138	-.640
190	253	-.384	.196	.143	-1.281
190	254	-.434	.188	.060	-1.116
190	255	-.412	.227	.266	-1.262
190	256	.050	.171	.606	-.564
190	257	.278	.171	.879	-.286
190	258	.377	.164	.972	-.123
190	259	.370	.145	.917	-.053
190	260	.262	.132	.793	-.103
190	261	.191	.178	.875	-.430
190	262	-.177	.110	.191	-.653
190	263	-.205	.147	.233	-.874
190	264	-.413	.177	.157	-1.199
190	265	-.471	.245	.330	-1.312
190	266	-.011	.185	.590	-.700
190	267	.301	.162	.945	-.205
190	268	.349	.152	.937	-.108
190	269	.316	.164	.857	-.199
190	270	.246	.151	.821	-.274
190	271	.236	.161	.912	-.326
190	272	-.183	.105	.132	-.575
190	273	-.294	.169	.140	-1.085
190	274	-.396	.176	.075	-1.075
190	275	-.387	.217	.315	-1.316
190	276	.023	.183	.639	-.604
190	277	.245	.151	.828	-.332
190	278	.320	.137	.796	-.238
190	279	.328	.135	.859	-.047
190	280	.239	.120	.628	-.128
190	281	.195	.160	.802	-.319
190	282	-.188	.114	.171	-.731
190	283	-.242	.155	.185	-1.075
190	284	-.399	.159	.039	-1.059
190	285	-.479	.213	.198	-1.411
190	286	-.015	.168	.534	-.729
190	287	.227	.133	.708	-.245
190	288	.273	.119	.678	-.049
190	289	.239	.134	.771	-.125
190	290	.199	.130	.740	-.173
190	291	.212	.158	.933	-.415
190	292	-.193	.111	.178	-.631
190	293	-.278	.145	.176	-1.126
190	294	-.376	.169	.146	-1.209
190	295	-.382	.202	.240	-1.410
190	296	-.036	.153	.476	-.738
190	297	.156	.144	.679	-.458
190	298	.236	.140	.799	-.353
190	299	.242	.127	.753	-.197
190	300	.190	.113	.659	-.180
190	301	.158	.141	.852	-.287
190	302	-.189	.122	.164	-.627
190	303	-.214	.137	.342	-.697
190	304	-.338	.148	.179	-.831
190	305	-.414	.194	.195	-1.038
190	306	-.048	.167	.538	-.633
190	307	.163	.148	.887	-.262
190	308	.207	.132	.873	-.192
190	309	.176	.140	.840	-.271
190	310	.167	.125	.745	-.236
190	311	.173	.132	.639	-.376
190	312	-.181	.108	.166	-.598
190	313	-.197	.121	.242	-.591
190	314	-.246	.138	.184	-.894
190	315	-.255	.159	.340	-.914
190	316	-.093	.146	.371	-.591
190	317	.068	.140	.705	-.392
190	318	.168	.134	.728	-.282
190	319	.201	.113	.653	-.156
190	320	.175	.106	.602	-.170
190	321	.142	.123	.640	-.261
190	322	-.175	.118	.190	-.563
190	323	-.134	.117	.281	-.598
190	324	-.214	.126	.236	-.818
190	325	-.121	.153	.325	-.746
190	326	.154	.121	.550	-.257
190	327	.201	.128	.656	-.253
190	328	.176	.113	.578	-.202
190	329	.170	.132	.673	-.261
190	401	.126	.139	.638	-.344
190	402	-.281	.175	.542	-1.149
190	403	-.037	.124	.361	-.585
190	404	-.088	.119	.279	-.522
190	405	-.140	.112	.214	-.559
190	406	.247	.148	.791	-.263
190	407	.153	.156	.677	-.551
190	408	-.289	.216	.410	-1.121
190	409	.037	.129	.528	-.413
190	410	.010	.114	.474	-.332
190	411	-.135	.096	.247	-.452
190	412	.149	.156	.733	-.395
190	413	-.227	.175	.528	-.959
190	414	.042	.135	.535	-.442
190	415	.009	.110	.426	-.374
190	416	-.105	.109	.299	-.464
190	417	.165	.173	.810	-.412
190	418	-.192	.168	.399	-.838
190	419	.027	.109	.412	-.357
190	420	.019	.109	.338	-.354
190	421	-.120	.108	.271	-.497
190	422	.160	.152	.640	-.508
190	423	-.176	.143	.303	-.824
190	424	.056	.121	.470	-.448
190	425	-.002	.114	.387	-.409
190	426	-.130	.111	.272	-.524
190	427	.148	.135	.689	-.286
190	428	-.151	.162	.447	-.811
190	429	.030	.122	.506	-.332
190	430	-.008	.113	.347	-.400
190	431	-.162	.105	.157	-.514
190	432	.155	.137	.685	-.295
190	433	-.147	.163	.294	-.802
190	434	.023	.133	.465	-.395
190	435	-.029	.112	.323	-.365
190	436	-.183	.129	.186	-.646
190	437	.124	.154	.680	-.335
190	438	-.122	.163	.394	-.907
190	439	.029	.107	.382	-.337
190	440	-.003	.111	.350	-.395
190	441	-.196	.126	.184	-.740
190	442	.135	.138	.768	-.378
190	443	-.067	.144	.485	-.708
190	444	.063	.114	.611	-.303
190	445	-.003	.109	.485	-.361
190	446	-.205	.125	.154	-.621
190	447	.113	.109	.467	-.253
190	448	-.030	.146	.489	-.575
190	449	.048	.115	.424	-.335
190	450	.012	.111	.337	-.408
190	451	-.183	.107	.151	-.599
190	452	.158	.120	.537	-.279
190	453	.030	.132	.416	-.428
190	454	.093	.118	.493	-.310
190	455	.064	.104	.397	-.293
190	456	.016	.108	.388	-.354
190	457	.111	.132	.620	-.388
190	458	.154	.123	.564	-.242

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	459	.036	.120	.408	-.429
190	460	.080	.112	.417	-.318
190	461	.107	.114	.447	-.310
190	462	.026	.107	.446	-.355
190	463	.100	.100	.495	-.268
190	501	-.209	.118	.177	-.610
190	502	-.207	.122	.224	-.624
190	503	-.218	.131	.199	-.674
190	504	-.218	.119	.223	-.694
190	505	-.212	.129	.212	-.686
190	506	-.196	.124	.224	-.692
190	507	-.168	.121	.183	-.817
190	508	-.174	.107	.172	-.588
190	509	-.175	.109	.155	-.592
190	510	-.175	.113	.147	-.602
190	511	-.186	.114	.165	-.616
190	512	-.202	.105	.104	-.599
190	513	-.201	.112	.137	-.614
190	514	-.195	.116	.175	-.647
190	515	-.171	.114	.198	-.589
190	516	-.178	.099	.122	-.546
190	517	-.173	.109	.151	-.588
190	518	-.176	.117	.227	-.602
190	519	-.172	.112	.332	-.593
190	520	-.194	.104	.234	-.612
190	521	-.213	.123	.234	-.636
190	522	-.198	.121	.280	-.635
190	523	-.185	.110	.201	-.561
190	524	-.262	.118	.200	-.653
190	525	-.188	.113	.170	-.702
190	526	-.192	.116	.166	-.794
190	527	-.184	.122	.276	-.625
190	528	-.202	.111	.220	-.691
190	529	-.205	.122	.216	-.784
190	530	-.176	.115	.199	-.569
190	531	-.163	.101	.183	-.495
190	532	-.268	.120	.117	-.707
190	533	-.186	.118	.234	-.731
190	534	-.172	.113	.304	-.560
190	535	-.186	.105	.232	-.675
190	536	-.294	.127	.189	-.904
190	537	-.208	.119	.176	-.736
190	538	-.180	.122	.212	-.662
190	539	-.160	.103	.156	-.508
190	540	-.262	.118	.106	-.651
190	541	-.211	.124	.185	-.674
190	542	-.183	.128	.196	-.647
190	543	-.194	.120	.151	-.679
190	544	-.301	.144	.094	-.908
190	545	-.212	.138	.214	-.868
190	546	-.200	.124	.195	-.736
190	547	-.183	.104	.264	-.654
190	548	-.278	.119	.128	-.740
190	549	-.242	.127	.211	-.765
190	550	-.228	.135	.189	-.816
190	551	-.235	.122	.145	-.723
190	552	-.334	.149	.236	-1.224
190	553	-.239	.144	.186	-1.158
190	554	-.221	.144	.215	-.815
190	555	-.204	.123	.187	-.744
190	556	-.297	.135	.171	-.845
190	557	-.283	.148	.131	-.931
190	558	-.256	.140	.167	-.764
190	559	-.253	.128	.144	-.844
190	560	-.349	.153	.128	-1.034
190	561	-.250	.145	.165	-.907
190	562	-.225	.143	.180	-.879
190	563	-.207	.124	.124	-.687
190	564	-.304	.139	.119	-.918
190	565	-.314	.147	.130	-.964
190	566	-.286	.152	.205	-.998
190	567	-.246	.136	.156	-.757
190	568	-.336	.159	.163	-.942
190	569	-.240	.154	.188	-.793
190	570	-.228	.147	.236	-.886
190	571	-.215	.129	.193	-.841
190	572	-.315	.149	.163	-.989
190	573	-.348	.157	.062	-1.320
190	574	-.289	.152	.198	-.883
190	575	-.220	.127	.142	-.763
190	576	-.309	.148	.179	-.865
190	577	-.221	.147	.242	-.804
190	578	-.175	.138	.265	-.800
190	579	-.177	.122	.199	-.726
190	580	-.246	.137	.209	-.826
190	581	-.229	.130	.211	-.656
190	582	-.086	.116	.275	-.501
190	583	-.233	.122	.167	-.694
190	584	-.178	.107	.211	-.563
190	585	-.237	.128	.223	-.741
190	586	-.178	.131	.257	-.634
190	587	-.156	.144	.363	-.677
190	588	-.138	.124	.257	-.582
190	589	-.223	.145	.202	-.768
190	590	-.206	.138	.182	-.623
190	591	-.038	.125	.414	-.445
190	592	-.154	.122	.223	-.648
190	593	-.125	.114	.204	-.610
190	594	-.192	.138	.202	-.899
190	595	-.138	.127	.341	-.732
200	1	-.160	.127	.303	-.560
200	2	-.401	.121	-.018	-.816
200	3	-.230	.134	.189	-.741
200	4	-.361	.151	.203	-1.001
200	5	-.431	.140	.028	-1.129
200	6	-.476	.126	-.094	-1.147
200	7	-.473	.155	.030	-1.145
200	8	-.459	.150	-.041	-1.177
200	9	-.008	.176	.836	-.643
200	10	-.226	.134	.327	-.839
200	11	-.280	.137	.199	-.864
200	12	-.222	.124	.221	-.743
200	13	-.206	.126	.174	-.658
200	14	-.280	.118	.089	-.708
200	15	-.246	.131	.112	-.724
200	16	-.195	.131	.153	-.775
200	17	.324	.174	1.053	-.276
200	18	.208	.156	.925	-.310
200	19	-.298	.160	.196	-1.107
200	20	-.191	.138	.246	-.718
200	101	-.182	.133	.283	-.825
200	102	-.261	.130	.178	-.970
200	103	-.257	.140	.196	-.772
200	104	-.176	.125	.317	-.586
200	105	-.204	.133	.213	-.705
200	106	-.458	.132	-.018	-.900
200	107	-.249	.128	.134	-.743
200	108	-.193	.123	.164	-.664
200	109	-.198	.116	.189	-.601
200	110	-.267	.112	.053	-.665
200	111	-.554	.188	.004	-1.186
200	112	-.187	.118	.195	-.678
200	113	-.186	.113	.212	-.746
200	114	-.290	.119	.071	-.933
200	115	-.272	.125	.149	-.907
200	116	-.203	.118	.187	-.665
200	117	-.193	.115	.209	-.593
200	118	-.247	.105	.079	-.612
200	119	-.257	.126	.106	-.683
200	120	-.170	.114	.183	-.567
200	121	-.229	.132	.153	-.749
200	122	-.284	.117	.044	-.680
200	123	-.275	.129	.088	-.761
200	124	-.199	.120	.138	-.611
200	125	-.169	.112	.215	-.663
200	126	-.266	.107	.089	-.692
200	127	-.242	.118	.143	-.735
200	128	-.207	.123	.202	-.645
200	129	-.187	.119	.361	-.672
200	130	-.253	.110	.208	-.675

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	131	-.242	.123	.308	-.719
200	132	-.168	.115	.352	-.623
200	133	-.206	.130	.230	-.678
200	134	-.259	.119	.129	-.708
200	135	-.292	.145	.152	-.854
200	136	-.197	.125	.219	-.629
200	137	-.179	.114	.174	-.554
200	138	-.246	.106	.086	-.581
200	139	-.239	.118	.131	-.621
200	140	-.195	.120	.181	-.786
200	141	-.185	.119	.146	-.599
200	142	-.291	.128	.018	-.913
200	143	-.268	.131	.067	-.851
200	144	-.194	.122	.130	-.743
200	145	-.195	.122	.203	-.595
200	146	-.263	.114	.122	-.625
200	147	-.279	.137	.183	-.770
200	148	-.187	.123	.240	-.621
200	149	-.241	.145	.183	-1.008
200	150	-.296	.122	.073	-.867
200	151	-.286	.134	.052	-.983
200	152	-.207	.123	.140	-.770
200	153	-.218	.120	.219	-.608
200	154	-.318	.127	.137	-.921
200	155	-.286	.132	.202	-.769
200	156	-.271	.145	.107	-1.012
200	157	-.209	.130	.209	-.698
200	158	-.165	.111	.161	-.544
200	159	-.172	.123	.196	-.655
200	160	-.208	.126	.164	-.620
200	161	-.196	.135	.242	-.740
200	162	-.131	.110	.253	-.554
200	163	-.218	.149	.254	-.903
200	164	-.233	.133	.199	-.830
200	165	-.220	.123	.259	-.641
200	166	-.175	.106	.255	-.552
200	167	-.186	.118	.252	-.632
200	168	-.192	.134	.322	-.984
200	169	-.152	.129	.251	-.743
200	170	-.184	.135	.221	-.875
200	171	-.193	.133	.193	-.760
200	172	-.241	.134	.161	-.802
200	173	-.221	.137	.258	-.772
200	174	-.176	.122	.248	-.646
200	175	-.096	.129	.298	-.655
200	176	-.124	.130	.284	-.631
200	177	-.139	.138	.312	-.762
200	178	-.121	.117	.287	-.824
200	179	-.169	.134	.328	-.870
200	180	-.232	.143	.282	-.767
200	181	-.241	.142	.182	-1.020
200	182	-.083	.113	.243	-.581
200	183	-.086	.120	.321	-.555
200	184	-.155	.143	.225	-.997
200	185	-.169	.142	.285	-.999
200	186	-.155	.123	.261	-.598
200	187	-.202	.148	.283	-.810
200	188	-.259	.161	.272	-1.145
200	201	-.233	.133	.238	-.706
200	202	-.145	.121	.268	-.605
200	203	-.332	.180	.506	-1.020
200	204	-.241	.213	.634	-1.044
200	205	.119	.176	.843	-.501
200	206	.271	.134	.811	-.148
200	207	.184	.134	.758	-.216
200	208	.127	.135	.677	-.303
200	209	.097	.136	.640	-.390
200	210	.131	.119	.575	-.285
200	211	.267	.156	.890	-.286
200	212	-.257	.121	.133	-.663
200	213	-.171	.131	.234	-.776
200	214	-.273	.171	.229	-.961
200	215	-.276	.252	.480	-1.115
200	216	-.077	.260	.685	-1.142
200	217	.181	.222	.915	-.480
200	218	.314	.172	.977	-.178
200	219	.281	.179	1.046	-.192
200	220	.214	.129	.710	-.218
200	221	.227	.147	.885	-.221
200	222	.222	.133	.828	-.223
200	223	-.104	.109	.302	-.553
200	224	-.117	.124	.402	-.542
200	225	-.185	.160	.377	-.737
200	226	-.031	.164	.578	-.555
200	227	.303	.175	1.024	-.406
200	228	.352	.179	.994	-.189
200	229	.354	.167	.909	-.172
200	230	.354	.139	.810	-.070
200	231	.240	.142	.762	-.256
200	232	-.132	.113	.225	-.589
200	233	-.091	.151	.387	-.701
200	234	-.148	.165	.348	-.756
200	235	-.066	.232	.628	-.936
200	236	.317	.196	.966	-.383
200	237	.424	.167	1.016	-.111
200	238	.427	.142	.923	-.052
200	239	.368	.152	.875	-.175
200	240	.178	.152	.685	-.322
200	241	.136	.204	.949	-.624
200	242	-.088	.105	.228	-.428
200	243	-.080	.132	.440	-.602
200	244	-.167	.147	.385	-.824
200	245	-.179	.225	.544	-1.176
200	246	.293	.185	.900	-.254
200	247	.429	.156	.987	-.040
200	248	.414	.140	.929	-.027
200	249	.296	.161	.878	-.224
200	250	.163	.146	.631	-.387
200	251	.123	.190	.921	-.635
200	252	-.127	.101	.237	-.457
200	253	-.211	.145	.328	-.803
200	254	-.229	.168	.299	-.790
200	255	-.125	.202	.426	-.973
200	256	.245	.154	.705	-.310
200	257	.308	.167	.895	-.186
200	258	.351	.152	.911	-.123
200	259	.325	.140	.736	-.263
200	260	.150	.125	.543	-.283
200	261	.012	.198	.690	-.653
200	262	-.157	.121	.246	-.667
200	263	-.078	.133	.420	-.602
200	264	-.216	.172	.425	-.807
200	265	-.143	.213	.504	-.930
200	266	.208	.185	.835	-.360
200	267	.352	.149	1.037	-.152
200	268	.329	.135	.916	-.092
200	269	.257	.147	.832	-.219
200	270	.118	.144	.644	-.336
200	271	.090	.178	.869	-.454
200	272	-.166	.101	.147	-.527
200	273	-.161	.129	.212	-.769
200	274	-.200	.151	.211	-.924
200	275	-.116	.196	.574	-.977
200	276	.189	.152	.680	-.352
200	277	.273	.154	.881	-.170
200	278	.289	.143	.831	-.127
200	279	.242	.132	.705	-.163
200	280	.102	.124	.599	-.302
200	281	.044	.179	.703	-.609
200	282	-.164	.114	.185	-.535
200	283	-.124	.129	.329	-.619
200	284	-.216	.150	.266	-.765
200	285	-.198	.203	.406	-1.023
200	286	.138	.155	.777	-.426
200	287	.266	.142	.798	-.152
200	288	.257	.132	.721	-.153
200	289	.212	.144	.730	-.266
200	290	.123	.135	.757	-.315
200	291	.110	.165	.646	-.471
200	292	-.195	.107	.128	-.653

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	293	-.182	.126	.201	-.662
200	294	-.219	.147	.245	-.817
200	295	-.163	.179	.396	-.809
200	296	.071	.131	.646	-.392
200	297	.163	.140	.698	-.317
200	298	.203	.134	.607	-.236
200	299	.200	.120	.671	-.170
200	300	.096	.111	.528	-.276
200	301	.069	.151	.678	-.529
200	302	-.172	.114	.155	-.590
200	303	-.139	.128	.268	-.671
200	304	-.222	.136	.222	-.716
200	305	-.208	.177	.332	-.916
200	306	.086	.149	.678	-.427
200	307	.164	.128	.673	-.317
200	308	.156	.115	.572	-.203
200	309	.133	.126	.612	-.290
200	310	.104	.117	.532	-.359
200	311	.110	.149	.623	-.485
200	312	-.195	.117	.159	-.628
200	313	-.156	.119	.203	-.555
200	314	-.150	.127	.237	-.668
200	315	-.164	.145	.329	-.812
200	316	.005	.128	.477	-.417
200	317	.134	.139	.652	-.337
200	318	.197	.136	.713	-.280
200	319	.182	.111	.572	-.172
200	320	.104	.104	.470	-.324
200	321	.095	.131	.611	-.394
200	322	-.187	.121	.211	-.831
200	323	-.106	.113	.251	-.533
200	324	-.150	.119	.247	-.564
200	325	-.007	.145	.635	-.594
200	326	.169	.117	.590	-.244
200	327	.191	.125	.668	-.183
200	328	.117	.116	.643	-.238
200	329	.140	.140	.632	-.420
200	401	.065	.133	.545	-.372
200	402	-.393	.161	.140	-1.053
200	403	-.195	.165	.273	-.844
200	404	-.138	.136	.323	-.833
200	405	-.141	.123	.224	-.620
200	406	-.192	.149	.794	-.291
200	407	-.089	.194	.575	-.900
200	408	-.525	.225	.415	-1.516
200	409	-.080	.145	.421	-.764
200	410	-.056	.111	.327	-.436
200	411	-.151	.097	.173	-.478
200	412	-.031	.161	.501	-.668
200	413	-.380	.208	.127	-1.242

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	414	-.069	.121	.343	-.592
200	415	-.066	.099	.248	-.412
200	416	-.124	.105	.221	-.460
200	417	-.015	.155	.614	-.519
200	418	-.319	.162	.315	-.839
200	419	-.075	.109	.338	-.450
200	420	-.061	.110	.363	-.420
200	421	-.124	.106	.248	-.534
200	422	-.009	.147	.443	-.535
200	423	-.294	.134	.114	-.763
200	424	-.053	.111	.348	-.421
200	425	-.058	.101	.290	-.392
200	426	-.135	.107	.271	-.480
200	427	-.027	.151	.368	-.576
200	428	-.309	.172	.208	-1.059
200	429	-.060	.119	.336	-.405
200	430	-.057	.107	.278	-.381
200	431	-.154	.097	.160	-.471
200	432	.019	.144	.447	-.474
200	433	-.244	.156	.234	-.770
200	434	-.048	.115	.356	-.455
200	435	-.069	.096	.249	-.400
200	436	-.160	.107	.174	-.504
200	437	.007	.143	.578	-.479
200	438	-.219	.161	.261	-1.008
200	439	-.038	.101	.290	-.424
200	440	-.054	.109	.290	-.443
200	441	-.176	.115	.165	-.583
200	442	.039	.135	.433	-.496
200	443	-.150	.136	.279	-.702
200	444	-.007	.114	.327	-.436
200	445	-.036	.108	.281	-.446
200	446	-.191	.113	.213	-.615
200	447	.039	.108	.488	-.344
200	448	-.137	.137	.344	-.691
200	449	.001	.104	.410	-.379
200	450	-.021	.098	.292	-.379
200	451	-.175	.100	.117	-.609
200	452	.074	.112	.448	-.320
200	453	-.028	.110	.341	-.418
200	454	.053	.107	.391	-.343
200	455	.037	.095	.333	-.275
200	456	-.005	.105	.332	-.367
200	457	.107	.118	.489	-.281
200	458	.093	.114	.507	-.433
200	459	-.020	.108	.383	-.453
200	460	.046	.102	.407	-.323
200	461	.078	.103	.403	-.298
200	462	.025	.109	.338	-.333
200	463	.111	.105	.533	-.257

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	501	-.207	.125	.181	-.703
200	502	-.187	.129	.185	-.710
200	503	-.177	.130	.267	-.828
200	504	-.184	.119	.222	-.834
200	505	-.208	.132	.220	-.869
200	506	-.166	.126	.211	-.620
200	507	-.143	.119	.242	-.629
200	508	-.163	.109	.204	-.612
200	509	-.163	.106	.167	-.592
200	510	-.142	.107	.182	-.544
200	511	-.156	.110	.306	-.604
200	512	-.175	.100	.246	-.547
200	513	-.184	.108	.314	-.597
200	514	-.158	.111	.330	-.615
200	515	-.158	.123	.289	-.538
200	516	-.175	.111	.180	-.496
200	517	-.171	.120	.240	-.526
200	518	-.154	.122	.263	-.518
200	519	-.143	.112	.221	-.582
200	520	-.148	.103	.175	-.513
200	521	-.196	.112	.162	-.662
200	522	-.156	.109	.246	-.611
200	523	-.152	.113	.214	-.548
200	524	-.255	.122	.168	-.637
200	525	-.169	.112	.178	-.569
200	526	-.148	.110	.199	-.513
200	527	-.154	.109	.178	-.630
200	528	-.173	.099	.133	-.558
200	529	-.175	.119	.254	-.663
200	530	-.153	.123	.303	-.603
200	531	-.145	.110	.258	-.525
200	532	-.277	.134	.174	-.737
200	533	-.164	.122	.275	-.689
200	534	-.146	.111	.208	-.570
200	535	-.148	.100	.180	-.544
200	536	-.268	.125	.116	-.767
200	537	-.179	.118	.205	-.678
200	538	-.143	.115	.246	-.550
200	539	-.133	.106	.215	-.501
200	540	-.259	.130	.136	-.662
200	541	-.175	.117	.245	-.590
200	542	-.157	.120	.203	-.722
200	543	-.160	.110	.186	-.692
200	544	-.284	.134	.147	-.945
200	545	-.194	.128	.209	-.918
200	546	-.170	.121	.247	-.643
200	547	-.155	.106	.183	-.532
200	548	-.279	.130	.171	-.802
200	549	-.196	.128	.185	-.712
200	550	-.187	.132	.233	-.679

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	551	-.185	.120	.195	-.664
200	552	-.307	.146	.146	-.854
200	553	-.217	.138	.205	-.959
200	554	-.194	.137	.226	-.772
200	555	-.170	.114	.221	-.571
200	556	-.288	.135	.160	-.811
200	557	-.238	.137	.175	-.833
200	558	-.209	.137	.346	-.772
200	559	-.206	.127	.301	-.726
200	560	-.330	.157	.284	-1.032
200	561	-.233	.148	.351	-.907
200	562	-.205	.139	.204	-.847
200	563	-.174	.116	.186	-.634
200	564	-.292	.141	.138	-.830
200	565	-.269	.140	.175	-.879
200	566	-.245	.136	.133	-.918
200	567	-.219	.125	.136	-.768
200	568	-.325	.150	.070	-.894
200	569	-.225	.143	.183	-.769
200	570	-.196	.137	.314	-.796
200	571	-.172	.119	.290	-.637
200	572	-.292	.140	.186	-.915
200	573	-.310	.144	.128	-1.066
200	574	-.261	.156	.220	-.961
200	575	-.172	.121	.211	-.587
200	576	-.264	.144	.260	-.819
200	577	-.177	.140	.274	-.710
200	578	-.147	.132	.332	-.701
200	579	-.134	.114	.285	-.602
200	580	-.254	.132	.146	-.825
200	581	-.173	.131	.285	-.641
200	582	-.083	.115	.352	-.452
200	583	-.171	.129	.261	-.629
200	584	-.138	.113	.235	-.523
200	585	-.214	.136	.213	-.706
200	586	-.124	.126	.271	-.527
200	587	-.105	.127	.298	-.549
200	588	-.097	.111	.290	-.547
200	589	-.199	.136	.253	-.746
200	590	-.190	.136	.203	-.704
200	591	-.038	.119	.371	-.491
200	592	-.129	.121	.294	-.519
200	593	-.074	.107	.294	-.547
200	594	-.163	.131	.303	-.830
200	595	-.111	.125	.410	-.557
210	1	-.099	.129	.441	-.542
210	2	-.307	.138	.291	-.908
210	3	-.176	.128	.237	-.658
210	4	-.314	.155	.338	-1.287
210	5	-.404	.147	.110	-.994
210	6	-.476	.130	.005	-.924
210	7	-.531	.153	.006	-1.110
210	8	-.504	.176	.085	-1.344
210	9	-.116	.176	.735	-.458
210	10	-.166	.135	.372	-.687
210	11	-.206	.138	.272	-.677
210	12	-.175	.119	.291	-.600
210	13	-.166	.121	.235	-.561
210	14	-.229	.110	.127	-.581
210	15	-.242	.130	.149	-.714
210	16	-.281	.169	.220	-.894
210	17	-.344	.162	1.009	-.295
210	18	-.180	.134	.660	-.408
210	19	-.221	.155	.251	-1.083
210	20	-.134	.139	.286	-.842
210	101	-.176	.140	.355	-.758
210	102	-.255	.134	.284	-.752
210	103	-.276	.156	.255	-1.038
210	104	-.219	.147	.339	-1.014
210	105	-.242	.148	.198	-.800
210	106	-.508	.137	-.012	-.984
210	107	-.238	.131	.227	-.679
210	108	-.193	.125	.189	-.683
210	109	-.221	.127	.240	-.701
210	110	-.320	.130	.101	-.761
210	111	-.644	.194	-.103	-1.415
210	112	-.168	.123	.236	-.721
210	113	-.173	.128	.196	-.715
210	114	-.267	.127	.117	-.744
210	115	-.286	.141	.152	-.834
210	116	-.240	.133	.209	-.677
210	117	-.249	.135	.118	-.811
210	118	-.279	.119	.039	-.740
210	119	-.244	.123	.172	-.706
210	120	-.162	.112	.229	-.561
210	121	-.232	.151	.231	-1.071
210	122	-.299	.131	.136	-.924
210	123	-.319	.147	.095	-.985
210	124	-.240	.140	.209	-.820
210	125	-.225	.129	.229	-.722
210	126	-.275	.127	.154	-.823
210	127	-.257	.135	.242	-.746
210	128	-.240	.161	.283	-1.035
210	129	-.215	.135	.182	-.725
210	130	-.294	.130	.088	-.908
210	131	-.292	.145	.135	-.859
210	132	-.204	.134	.198	-.757
210	133	-.194	.139	.241	-.746
210	134	-.242	.123	.153	-.717
210	135	-.297	.172	.194	-1.217
210	136	-.215	.146	.233	-.922
210	137	-.227	.133	.252	-.788
210	138	-.290	.124	.153	-1.009
210	139	-.288	.139	.224	-.984
210	140	-.210	.141	.229	-.873
210	141	-.206	.136	.210	-.728
210	142	-.326	.155	.128	-.978
210	143	-.320	.158	.180	-1.017
210	144	-.251	.144	.220	-.839
210	145	-.253	.128	.158	-.686
210	146	-.317	.118	.019	-.740
210	147	-.300	.150	.151	-1.107
210	148	-.208	.133	.244	-.757
210	149	-.252	.165	.247	-1.159
210	150	-.331	.139	.101	-.898
210	151	-.351	.162	.189	-1.022
210	152	-.275	.146	.229	-.834
210	153	-.276	.142	.161	-.848
210	154	-.297	.140	.143	-.815
210	155	-.279	.145	.227	-.786
210	156	-.255	.159	.223	-.989
210	157	-.231	.139	.201	-.741
210	158	-.252	.127	.181	-.726
210	159	-.271	.143	.224	-.839
210	160	-.267	.142	.218	-.837
210	161	-.170	.139	.278	-.673
210	162	-.156	.118	.228	-.552
210	163	-.206	.154	.210	-1.072
210	164	-.220	.143	.215	-.891
210	165	-.262	.144	.139	-.842
210	166	-.271	.130	.103	-.756
210	167	-.272	.142	.148	-.777
210	168	-.126	.132	.267	-.594
210	169	-.135	.124	.237	-.685
210	170	-.164	.124	.198	-.723
210	171	-.203	.135	.223	-.704
210	172	-.251	.139	.201	-.902
210	173	-.278	.154	.261	-.903
210	174	-.271	.143	.178	-.826
210	175	-.085	.135	.328	-.741
210	176	-.100	.137	.361	-.689
210	177	-.113	.134	.321	-1.272
210	178	-.141	.123	.204	-.719
210	179	-.200	.142	.197	-.954
210	180	-.267	.149	.192	-.806
210	181	-.281	.163	.165	-.979
210	182	-.075	.122	.276	-.585
210	183	-.090	.133	.359	-.561
210	184	-.102	.136	.352	-.656
210	185	-.114	.117	.278	-.561

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	186	-.151	.110	.211	-.527
210	187	-.263	.132	.110	-.798
210	188	-.310	.159	.129	-.966
210	201	-.229	.132	.222	-.768
210	202	-.119	.124	.304	-.578
210	203	-.189	.187	.457	-.870
210	204	-.013	.204	.729	-.709
210	205	.234	.174	.903	-.375
210	206	.239	.149	.791	-.197
210	207	.122	.144	.637	-.314
210	208	.089	.135	.563	-.278
210	209	.043	.128	.480	-.409
210	210	.045	.123	.520	-.411
210	211	.264	.165	.889	-.350
210	212	-.270	.131	.164	-.775
210	213	-.092	.149	.428	-.567
210	214	-.121	.174	.502	-.745
210	215	-.019	.226	.765	-.888
210	216	.178	.213	.881	-.577
210	217	.234	.192	.838	-.406
210	218	.255	.153	.745	-.254
210	219	.200	.157	.769	-.295
210	220	.144	.117	.502	-.219
210	221	.164	.144	.650	-.333
210	222	.122	.138	.637	-.358
210	223	-.127	.116	.244	-.508
210	224	-.031	.126	.405	-.466
210	225	-.037	.164	.532	-.578
210	226	.129	.173	.638	-.453
210	227	.353	.189	.900	-.197
210	228	.329	.184	1.018	-.188
210	229	.293	.159	.854	-.234
210	230	.248	.137	.707	-.239
210	231	.090	.144	.581	-.553
210	232	-.121	.127	.322	-.556
210	233	-.009	.129	.418	-.456
210	234	-.013	.142	.421	-.453
210	235	.163	.180	.729	-.416
210	236	.422	.179	1.090	-.152
210	237	.406	.168	1.013	-.072
210	238	.353	.147	.880	-.098
210	239	.275	.154	.863	-.219
210	240	.043	.141	.668	-.372
210	241	-.012	.224	.986	-.819
210	242	-.122	.110	.266	-.543
210	243	.004	.128	.525	-.423
210	244	.013	.146	.574	-.541
210	245	.132	.194	.845	-.585
210	246	.383	.163	1.202	-.040
210	247	.385	.163	1.029	-.182
210	248	.348	.139	.875	-.121
210	249	.229	.148	.781	-.278
210	250	.006	.144	.618	-.597
210	251	-.139	.186	.634	-.721
210	252	-.104	.106	.285	-.464
210	253	-.024	.132	.402	-.449
210	254	-.019	.162	.499	-.540
210	255	.125	.191	.898	-.620
210	256	.412	.162	1.058	-.018
210	257	.376	.171	1.018	-.164
210	258	.331	.159	.933	-.175
210	259	.215	.143	.786	-.311
210	260	.027	.127	.522	-.555
210	261	-.102	.197	.726	-.959
210	262	-.159	.126	.211	-.621
210	263	-.034	.127	.410	-.465
210	264	-.068	.158	.430	-.730
210	265	.077	.200	.764	-.604
210	266	.340	.171	.937	-.260
210	267	.320	.145	.810	-.154
210	268	.258	.129	.670	-.162
210	269	.173	.136	.618	-.259
210	270	-.008	.136	.508	-.419
210	271	-.067	.192	.691	-.799
210	272	-.188	.116	.199	-.702
210	273	-.074	.128	.323	-.525
210	274	-.057	.150	.402	-.577
210	275	.085	.187	.841	-.589
210	276	.284	.144	.815	-.168
210	277	.272	.143	.842	-.230
210	278	.256	.130	.766	-.222
210	279	.199	.131	.713	-.222
210	280	-.012	.131	.500	-.458
210	281	-.100	.205	.745	-.895
210	282	-.184	.126	.170	-.626
210	283	-.046	.124	.390	-.510
210	284	-.089	.140	.335	-.661
210	285	.015	.184	.671	-.774
210	286	.244	.148	.856	-.246
210	287	.263	.136	.753	-.215
210	288	.210	.122	.647	-.225
210	289	.146	.131	.625	-.301
210	290	.009	.135	.498	-.446
210	291	-.045	.193	.529	-.770
210	292	-.213	.120	.284	-.664
210	293	-.104	.125	.337	-.815
210	294	-.088	.141	.383	-1.033
210	295	.028	.167	.536	-.611
210	296	.193	.133	.803	-.274
210	297	.202	.136	.800	-.190
210	298	.205	.125	.719	-.155
210	299	.172	.133	.838	-.268
210	300	.012	.122	.530	-.408
210	301	-.031	.179	.771	-.805
210	302	-.175	.126	.243	-.695
210	303	-.070	.111	.321	-.522
210	304	-.109	.121	.243	-.668
210	305	-.037	.157	.396	-.732
210	306	.169	.131	.660	-.224
210	307	.218	.132	.720	-.185
210	308	.177	.117	.580	-.198
210	309	.129	.122	.545	-.292
210	310	.039	.116	.402	-.321
210	311	.044	.153	.729	-.462
210	312	-.189	.115	.170	-.592
210	313	-.113	.117	.279	-.518
210	314	-.084	.120	.341	-.564
210	315	-.033	.137	.415	-.499
210	316	.088	.117	.494	-.330
210	317	.133	.123	.551	-.338
210	318	.162	.117	.611	-.273
210	319	.151	.116	.553	-.219
210	320	.042	.118	.436	-.314
210	321	.023	.153	.536	-.561
210	322	-.180	.123	.218	-.588
210	323	-.065	.116	.324	-.438
210	324	-.069	.115	.312	-.425
210	325	.102	.138	.535	-.360
210	326	.183	.128	.660	-.242
210	327	.170	.119	.557	-.289
210	328	.047	.110	.457	-.321
210	329	.079	.137	.594	-.394
210	401	.023	.119	.441	-.404
210	402	-.416	.160	.104	-1.119
210	403	-.341	.160	.113	-1.272
210	404	-.221	.154	.257	-.900
210	405	-.143	.127	.285	-.781
210	406	.108	.128	.634	-.283
210	407	-.346	.184	.260	-.976
210	408	-.640	.190	-.020	-1.466
210	409	-.228	.149	.262	-.760
210	410	-.128	.119	.292	-.583
210	411	-.141	.096	.193	-.501
210	412	-.240	.173	.320	-.877
210	413	-.477	.209	.100	-1.633
210	414	-.161	.126	.202	-.766
210	415	-.117	.104	.185	-.526
210	416	-.143	.117	.196	-.516
210	417	-.189	.158	.337	-.828
210	418	-.427	.172	.118	-.993

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	419	-.172	.117	.271	-.505
210	420	-.143	.119	.291	-.489
210	421	-.117	.111	.262	-.525
210	422	-.177	.168	.442	-.827
210	423	-.378	.151	.194	-1.007
210	424	-.159	.122	.339	-.654
210	425	-.100	.110	.347	-.547
210	426	-.121	.115	.271	-.565
210	427	-.194	.146	.288	-.654
210	428	-.430	.181	.159	-1.073
210	429	-.122	.118	.262	-.595
210	430	-.095	.116	.285	-.512
210	431	-.131	.102	.191	-.509
210	432	-.173	.189	.396	-.944
210	433	-.338	.181	.212	-1.005
210	434	-.108	.117	.392	-.586
210	435	-.099	.100	.305	-.477
210	436	-.153	.117	.253	-.630
210	437	-.126	.152	.423	-.749
210	438	-.303	.185	.192	-1.171
210	439	-.086	.117	.282	-.591
210	440	-.090	.126	.302	-.642
210	441	-.146	.130	.254	-.719
210	442	-.070	.142	.371	-.583
210	443	-.226	.139	.334	-.690
210	444	-.083	.120	.365	-.463
210	445	-.067	.114	.339	-.453
210	446	-.167	.122	.258	-.628
210	447	-.039	.128	.450	-.622
210	448	-.190	.152	.247	-.979
210	449	-.028	.111	.400	-.459
210	450	.035	.107	.365	-.481
210	451	-.145	.102	.226	-.560
210	452	-.007	.130	.441	-.506
210	453	-.066	.119	.403	-.359
210	454	.019	.112	.346	-.318
210	455	-.021	.099	.333	-.275
210	456	-.022	.112	.340	-.383
210	457	.114	.123	.547	-.327
210	458	-.021	.135	.482	-.463
210	459	-.053	.122	.340	-.505
210	460	.007	.121	.390	-.425
210	461	.059	.120	.489	-.376
210	462	.025	.104	.389	-.321
210	463	-.125	.101	.496	-.192
210	501	-.192	.133	.263	-.745
210	502	-.149	.130	.339	-.711
210	503	-.137	.135	.274	-.837
210	504	-.137	.122	.206	-.703
210	505	-.163	.140	.251	-.702

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	506	-.139	.129	.256	-.683
210	507	-.141	.123	.268	-.640
210	508	-.152	.113	.220	-.589
210	509	-.139	.113	.222	-.576
210	510	-.132	.111	.232	-.530
210	511	-.120	.112	.192	-.562
210	512	-.125	.101	.159	-.514
210	513	-.147	.111	.199	-.582
210	514	-.126	.115	.246	-.563
210	515	-.133	.116	.292	-.527
210	516	-.145	.105	.192	-.549
210	517	-.134	.112	.273	-.523
210	518	-.124	.113	.304	-.550
210	519	-.131	.119	.266	-.586
210	520	-.103	.107	.252	-.538
210	521	-.149	.116	.213	-.543
210	522	-.132	.114	.202	-.537
210	523	-.136	.111	.222	-.538
210	524	-.178	.128	.229	-.701
210	525	-.134	.111	.225	-.502
210	526	-.121	.106	.228	-.487
210	527	-.124	.114	.229	-.497
210	528	-.130	.102	.175	-.466
210	529	-.135	.114	.263	-.492
210	530	-.125	.106	.277	-.458
210	531	-.108	.095	.272	-.447
210	532	-.177	.114	.260	-.656
210	533	-.119	.105	.294	-.466
210	534	-.126	.106	.245	-.570
210	535	-.105	.093	.214	-.515
210	536	-.158	.109	.210	-.632
210	537	-.141	.108	.216	-.597
210	538	-.145	.113	.310	-.493
210	539	-.131	.104	.297	-.486
210	540	-.203	.126	.309	-.599
210	541	-.146	.116	.243	-.516
210	542	-.132	.110	.213	-.478
210	543	-.115	.098	.188	-.448
210	544	-.167	.114	.202	-.583
210	545	-.152	.112	.204	-.545
210	546	-.154	.116	.249	-.554
210	547	-.137	.105	.245	-.516
210	548	-.199	.125	.244	-.654
210	549	-.157	.119	.254	-.574
210	550	-.170	.130	.245	-.713
210	551	-.157	.120	.210	-.688
210	552	-.208	.140	.237	-.836
210	553	-.191	.141	.237	-1.135
210	554	-.170	.120	.192	-.787
210	555	-.147	.105	.220	-.673

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	556	-.206	.124	.266	-.761
210	557	-.195	.122	.181	-.772
210	558	-.192	.124	.197	-.681
210	559	-.174	.112	.169	-.638
210	560	-.216	.131	.173	-.682
210	561	-.193	.129	.196	-.705
210	562	-.182	.133	.218	-.823
210	563	-.147	.114	.181	-.664
210	564	-.203	.140	.188	-.857
210	565	-.236	.141	.182	-.796
210	566	-.226	.141	.200	-1.121
210	567	-.195	.127	.176	-.683
210	568	-.206	.142	.194	-.685
210	569	-.165	.136	.211	-.677
210	570	-.137	.131	.294	-.707
210	571	-.107	.114	.290	-.535
210	572	-.156	.135	.356	-.713
210	573	-.264	.157	.248	-.971
210	574	-.263	.144	.175	-1.103
210	575	-.097	.115	.311	-.566
210	576	-.130	.130	.327	-.530
210	577	-.115	.128	.336	-.540
210	578	-.085	.119	.300	-.593
210	579	-.056	.103	.272	-.463
210	580	-.207	.136	.205	-.974
210	581	-.090	.121	.304	-.562
210	582	-.052	.113	.300	-.428
210	583	-.116	.125	.280	-.603
210	584	-.092	.109	.269	-.459
210	585	-.185	.134	.205	-.682
210	586	-.086	.124	.285	-.545
210	587	-.073	.121	.365	-.550
210	588	-.074	.105	.296	-.474
210	589	-.175	.133	.275	-.713
210	590	-.125	.134	.362	-.641
210	591	-.025	.115	.365	-.467
210	592	-.101	.114	.280	-.496
210	593	-.051	.100	.263	-.381
210	594	-.147	.121	.286	-.554
210	595	-.086	.115	.267	-.431
220	1	-.018	.130	.486	-.448
220	2	-.225	.132	.230	-.702
220	3	-.148	.125	.314	-.609
220	4	-.277	.146	.272	-.935
220	5	-.278	.164	.222	-.908
220	6	-.429	.137	.005	-.998
220	7	-.533	.168	.035	-1.161
220	8	-.531	.201	.064	-1.287
220	9	.175	.161	.793	-.301
220	10	-.030	.148	.495	-.552

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	11	-.072	.165	.608	-.568
220	12	-.128	.120	.257	-.568
220	13	-.118	.110	.298	-.569
220	14	-.173	.101	.249	-.569
220	15	-.166	.117	.256	-.637
220	16	-.463	.158	.032	-1.201
220	17	.274	.156	.898	-.229
220	18	.116	.130	.585	-.314
220	19	-.161	.134	.246	-.674
220	20	-.081	.120	.262	-.550
220	101	-.121	.117	.333	-.592
220	102	-.186	.114	.200	-.631
220	103	-.227	.144	.192	-.832
220	104	-.215	.154	.201	-.857
220	105	-.366	.157	.167	-1.066
220	106	-.582	.143	-.156	-1.233
220	107	-.213	.111	.166	-.633
220	108	-.142	.107	.213	-.646
220	109	-.227	.130	.158	-.704
220	110	-.402	.137	.036	-.895
220	111	-.634	.190	-.072	-1.439
220	112	-.117	.113	.230	-.472
220	113	-.186	.129	.218	-.770
220	114	-.226	.114	.126	-.618
220	115	-.238	.137	.212	-.838
220	116	-.237	.146	.152	-.798
220	117	-.351	.159	.114	-.958
220	118	-.645	.188	-.118	-1.345
220	119	-.193	.128	.359	-.750
220	120	-.148	.117	.221	-.545
220	121	-.146	.115	.256	-.613
220	122	-.215	.116	.162	-.627
220	123	-.307	.157	.123	-1.047
220	124	-.441	.191	.178	-1.079
220	125	-.533	.198	-.055	-1.498
220	126	-.191	.115	.175	-.601
220	127	-.222	.128	.256	-.662
220	128	-.162	.134	.268	-.778
220	129	-.215	.159	.292	-.821
220	130	-.394	.165	.164	-.944
220	131	-.517	.183	.081	-1.292
220	132	-.435	.158	.041	-.992
220	133	-.145	.130	.328	-.677
220	134	-.225	.115	.145	-.624
220	135	-.250	.156	.194	-.954
220	136	-.232	.154	.196	-.913
220	137	-.326	.175	.206	-1.083
220	138	-.496	.160	.009	-1.242
220	139	-.521	.169	-.035	-1.161
220	140	-.147	.133	.286	-.875
220	141	-.170	.133	.242	-.659
220	142	-.240	.141	.203	-.897
220	143	-.282	.178	.226	-1.031
220	144	-.298	.191	.231	-1.074
220	145	-.446	.189	.085	-1.326
220	146	-.543	.174	-.085	-1.297
220	147	-.221	.137	.242	-.765
220	148	-.177	.129	.295	-.646
220	149	-.176	.135	.264	-.821
220	150	-.264	.134	.132	-.834
220	151	-.348	.170	.171	-1.017
220	152	-.383	.176	.143	-1.114
220	153	-.434	.172	.069	-1.373
220	154	-.182	.117	.198	-.646
220	155	-.214	.131	.248	-.798
220	156	-.139	.124	.301	-.661
220	157	-.145	.148	.309	-.874
220	158	-.208	.150	.229	-.749
220	159	-.324	.180	.248	-1.273
220	160	-.399	.172	.136	-1.051
220	161	-.088	.129	.324	-.593
220	162	-.112	.116	.206	-.552
220	163	-.106	.130	.247	-.740
220	164	-.128	.139	.255	-.743
220	165	-.177	.159	.323	-.796
220	166	-.261	.158	.207	-.916
220	167	-.335	.177	.295	-1.215
220	168	-.070	.126	.355	-.996
220	169	-.086	.119	.319	-.598
220	170	-.083	.107	.246	-.518
220	171	-.092	.122	.303	-.635
220	172	-.144	.134	.258	-.749
220	173	-.205	.141	.151	-.942
220	174	-.255	.139	.133	-.928
220	175	-.034	.108	.335	-.454
220	176	-.056	.114	.364	-.612
220	177	-.068	.127	.325	-.987
220	178	-.075	.116	.294	-.655
220	179	-.119	.133	.312	-.603
220	180	-.195	.142	.218	-.768
220	181	-.236	.155	.273	-.834
220	182	-.031	.101	.341	-.449
220	183	-.057	.115	.367	-.528
220	184	-.060	.117	.356	-.592
220	185	-.061	.120	.316	-.493
220	186	-.091	.123	.282	-1.048
220	187	-.178	.146	.181	-.734
220	188	-.243	.166	.157	-.860
220	201	-.194	.125	.238	-.632
220	202	-.050	.120	.420	-.420
220	203	-.006	.171	.646	-.535
220	204	.158	.177	.821	-.403
220	205	.278	.158	.802	-.216
220	206	.178	.146	.663	-.327
220	207	.073	.137	.535	-.343
220	208	.044	.131	.477	-.365
220	209	-.005	.128	.395	-.463
220	210	-.008	.104	.411	-.391
220	211	.271	.147	.804	-.204
220	212	-.268	.126	.173	-.800
220	213	-.015	.140	.518	-.458
220	214	.042	.158	.665	-.528
220	215	.159	.195	1.013	-.520
220	216	.239	.187	1.157	-.436
220	217	.216	.176	1.015	-.312
220	218	.193	.137	.808	-.178
220	219	.136	.141	.722	-.243
220	220	.084	.116	.490	-.366
220	221	.107	.141	.625	-.403
220	222	.085	.152	.700	-.401
220	223	-.202	.136	.267	-.648
220	224	.037	.142	.497	-.484
220	225	.094	.158	.601	-.421
220	226	.293	.160	.803	-.212
220	227	.390	.181	.963	-.132
220	228	.300	.172	.876	-.203
220	229	.225	.158	.813	-.294
220	230	.175	.131	.648	-.255
220	231	.002	.130	.434	-.537
220	232	-.222	.130	.218	-.769
220	233	.047	.151	.580	-.492
220	234	.104	.162	.645	-.449
220	235	.295	.192	.901	-.337
220	236	.396	.183	1.055	-.177
220	237	.324	.165	.963	-.152
220	238	.263	.135	.811	-.133
220	239	.180	.138	.780	-.201
220	240	-.071	.130	.475	-.548
220	241	-.129	.245	.809	-.879
220	242	-.200	.121	.231	-.625
220	243	.060	.131	.619	-.394
220	244	.130	.141	.714	-.374
220	245	.301	.173	.991	-.258
220	246	.389	.154	.948	-.088
220	247	.290	.152	.914	-.171
220	248	.238	.127	.803	-.165
220	249	.132	.132	.766	-.295
220	250	-.097	.124	.413	-.480
220	251	-.273	.167	.350	-.897
220	252	-.191	.112	.197	-.531

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	253	.036	.129	.458	-.364
220	254	.108	.149	.580	-.337
220	255	.280	.176	.904	-.313
220	256	.387	.154	.940	-.028
220	257	.291	.156	.884	-.198
220	258	.237	.138	.722	-.185
220	259	.127	.124	.651	-.338
220	260	-.123	.116	.284	-.575
220	261	-.285	.190	.677	-.866
220	262	-.218	.125	.183	-.637
220	263	.024	.134	.485	-.416
220	264	.064	.153	.571	-.470
220	265	.221	.147	.787	-.267
220	266	.341	.159	.917	-.206
220	267	.273	.147	.919	-.214
220	268	.199	.125	.717	-.192
220	269	.102	.131	.616	-.306
220	270	-.118	.141	.504	-.570
220	271	-.265	.204	.494	-.904
220	272	-.252	.129	.210	-.705
220	273	-.008	.142	.517	-.428
220	274	.074	.161	.664	-.490
220	275	.213	.155	.757	-.243
220	276	.279	.143	.814	-.120
220	277	.207	.153	.724	-.242
220	278	.188	.136	.644	-.225
220	279	.127	.127	.619	-.267
220	280	-.136	.126	.328	-.593
220	281	-.266	.202	.622	-1.056
220	282	-.232	.144	.185	-.721
220	283	.003	.129	.471	-.471
220	284	.013	.139	.532	-.718
220	285	.153	.163	.805	-.784
220	286	.297	.152	.877	-.177
220	287	.240	.142	.868	-.290
220	288	.179	.124	.746	-.242
220	289	.107	.131	.692	-.344
220	290	-.060	.137	.446	-.538
220	291	-.129	.188	.634	-.803
220	292	-.206	.121	.224	-.621
220	293	-.035	.128	.495	-.472
220	294	.023	.141	.628	-.417
220	295	.138	.155	.731	-.431
220	296	.207	.130	.721	-.194
220	297	.166	.139	.699	-.324
220	298	.159	.126	.603	-.269
220	299	.136	.130	.750	-.299
220	300	-.049	.123	.412	-.483
220	301	-.106	.186	.565	-.894
220	302	-.154	.128	.296	-.613
220	303	-.012	.119	.404	-.370
220	304	-.025	.128	.441	-.395
220	305	.044	.146	.553	-.418
220	306	.178	.128	.655	-.277
220	307	.174	.122	.593	-.187
220	308	.137	.111	.537	-.197
220	309	.098	.121	.521	-.279
220	310	.020	.119	.411	-.516
220	311	-.007	.167	.525	-.827
220	312	-.147	.112	.262	-.566
220	313	-.051	.123	.430	-.524
220	314	-.014	.127	.553	-.446
220	315	.027	.125	.493	-.432
220	316	.115	.108	.490	-.314
220	317	.136	.123	.610	-.344
220	318	.153	.119	.617	-.319
220	319	.131	.103	.477	-.235
220	320	.017	.101	.375	-.364
220	321	.001	.137	.628	-.616
220	322	-.121	.113	.281	-.571
220	323	-.014	.117	.403	-.457
220	324	-.016	.117	.368	-.416
220	325	.099	.121	.526	-.312
220	326	.155	.121	.646	-.274
220	327	.164	.115	.571	-.261
220	328	.028	.109	.409	-.364
220	329	.054	.133	.489	-.386
220	401	-.002	.119	.400	-.420
220	402	-.336	.159	.128	-1.050
220	403	-.357	.145	.079	-.955
220	404	-.286	.158	.250	-1.019
220	405	-.162	.149	.363	-.952
220	406	-.070	.117	.470	-.341
220	407	-.500	.195	.040	-1.366
220	408	-.572	.221	.117	-1.372
220	409	-.301	.159	.249	-1.143
220	410	-.204	.150	.293	-.899
220	411	-.148	.124	.332	-.727
220	412	-.389	.178	.270	-1.167
220	413	-.508	.207	.194	-1.514
220	414	-.193	.114	.262	-.644
220	415	-.127	.096	.238	-.484
220	416	-.091	.106	.316	-.470
220	417	-.304	.141	.255	-.830
220	418	-.452	.166	.129	-1.106
220	419	-.207	.111	.179	-.598
220	420	-.139	.115	.246	-.563
220	421	-.093	.110	.269	-.474
220	422	-.353	.160	.132	-1.019
220	423	-.428	.138	-.000	-.855
220	424	-.181	.118	.254	-.565
220	425	-.121	.109	.264	-.566
220	426	-.081	.110	.347	-.482
220	427	-.319	.176	.233	-1.053
220	428	-.422	.187	.129	-1.333
220	429	-.154	.124	.269	-.603
220	430	-.095	.107	.215	-.501
220	431	-.080	.095	.197	-.439
220	432	-.259	.160	.211	-.881
220	433	-.358	.164	.080	-.982
220	434	-.127	.111	.241	-.561
220	435	-.085	.090	.214	-.457
220	436	-.088	.101	.234	-.479
220	437	-.207	.164	.253	-1.194
220	438	-.325	.174	.178	-1.042
220	439	-.109	.105	.251	-.451
220	440	-.084	.113	.310	-.448
220	441	-.099	.115	.309	-.511
220	442	-.127	.144	.312	-.704
220	443	-.219	.138	.152	-.746
220	444	-.047	.114	.331	-.451
220	445	-.055	.109	.278	-.426
220	446	-.097	.116	.276	-.552
220	447	-.064	.130	.244	-.669
220	448	-.149	.146	.264	-.949
220	449	-.030	.115	.312	-.394
220	450	-.021	.105	.363	-.370
220	451	-.079	.098	.301	-.397
220	452	-.013	.127	.420	-.535
220	453	-.074	.117	.332	-.521
220	454	.020	.107	.402	-.372
220	455	.032	.094	.353	-.282
220	456	.042	.107	.392	-.326
220	457	.115	.115	.577	-.221
220	458	-.024	.129	.354	-.515
220	459	-.059	.110	.268	-.547
220	460	.042	.111	.349	-.353
220	461	.047	.112	.361	-.333
220	462	.035	.103	.445	-.319
220	463	.121	.100	.464	-.219
220	501	-.113	.132	.338	-.575
220	502	-.104	.121	.316	-.643
220	503	-.089	.121	.389	-.629
220	504	-.082	.107	.327	-.515
220	505	-.066	.119	.369	-.723
220	506	-.095	.115	.310	-.635
220	507	-.112	.122	.293	-.594
220	508	-.117	.111	.274	-.539
220	509	-.084	.116	.283	-.669
220	510	-.096	.109	.301	-.558

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	511	-.095	.104	.269	-.442
220	512	-.089	.091	.238	-.394
220	513	-.079	.098	.267	-.409
220	514	-.099	.105	.258	-.440
220	515	-.101	.117	.323	-.533
220	516	-.110	.107	.280	-.472
220	517	-.075	.118	.320	-.554
220	518	-.102	.118	.307	-.557
220	519	-.084	.107	.242	-.470
220	520	-.075	.095	.226	-.404
220	521	-.044	.108	.399	-.376
220	522	-.083	.109	.313	-.436
220	523	-.077	.112	.259	-.565
220	524	-.109	.113	.239	-.587
220	525	-.045	.113	.300	-.489
220	526	-.076	.110	.269	-.508
220	527	-.076	.108	.323	-.430
220	528	-.070	.095	.283	-.374
220	529	-.080	.103	.301	-.508
220	530	-.090	.106	.293	-.441
220	531	-.092	.098	.256	-.422
220	532	-.120	.118	.304	-.612
220	533	-.086	.106	.341	-.419
220	534	-.087	.109	.342	-.474
220	535	-.084	.097	.311	-.404
220	536	-.101	.109	.335	-.450
220	537	-.090	.107	.329	-.477
220	538	-.097	.112	.293	-.460
220	539	-.098	.104	.243	-.507
220	540	-.129	.124	.243	-.560
220	541	-.085	.110	.244	-.499
220	542	-.086	.104	.280	-.450
220	543	-.087	.092	.236	-.401
220	544	-.106	.105	.253	-.464
220	545	-.099	.105	.244	-.451
220	546	-.114	.113	.307	-.586
220	547	-.117	.106	.240	-.537
220	548	-.149	.126	.274	-.730
220	549	-.089	.106	.306	-.414
220	550	-.089	.111	.304	-.558
220	551	-.091	.101	.268	-.560
220	552	-.111	.116	.284	-.838
220	553	-.101	.115	.313	-.627
220	554	-.113	.120	.258	-.617
220	555	-.114	.111	.248	-.606
220	556	-.150	.133	.249	-.741
220	557	-.107	.116	.316	-.533
220	558	-.103	.116	.378	-.511
220	559	-.107	.105	.328	-.473
220	560	-.123	.119	.357	-.552

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	561	-.101	.119	.386	-.507
220	562	-.100	.116	.300	-.548
220	563	-.098	.106	.254	-.493
220	564	-.133	.127	.277	-.627
220	565	-.131	.127	.263	-.763
220	566	-.125	.113	.270	-.550
220	567	-.117	.101	.237	-.524
220	568	-.105	.114	.323	-.516
220	569	-.070	.109	.359	-.486
220	570	-.070	.111	.347	-.515
220	571	-.073	.100	.299	-.463
220	572	-.101	.119	.325	-.616
220	573	-.147	.129	.263	-.584
220	574	-.146	.122	.220	-.569
220	575	-.054	.099	.260	-.422
220	576	-.059	.113	.303	-.477
220	577	-.041	.107	.287	-.498
220	578	-.038	.102	.333	-.425
220	579	-.038	.091	.301	-.369
220	580	-.153	.135	.261	-.709
220	581	-.046	.114	.332	-.490
220	582	-.023	.116	.340	-.428
220	583	-.057	.118	.385	-.458
220	584	-.041	.103	.349	-.385
220	585	-.136	.127	.353	-.550
220	586	-.040	.116	.380	-.478
220	587	-.034	.122	.381	-.556
220	588	-.032	.106	.319	-.476
220	589	-.126	.131	.315	-.669
220	590	-.059	.115	.322	-.464
220	591	-.004	.115	.387	-.446
220	592	-.051	.119	.300	-.440
220	593	-.014	.102	.285	-.359
220	594	-.112	.129	.276	-.549
220	595	-.043	.121	.327	-.439
230	1	.015	.125	.419	-.577
230	2	-.100	.109	.224	-.470
230	3	-.165	.138	.257	-.657
230	4	-.189	.120	.191	-.671
230	5	-.102	.135	.253	-.664
230	6	-.402	.127	.008	-.852
230	7	-.513	.162	.028	-1.199
230	8	-.565	.184	.044	-1.226
230	9	.133	.144	.689	-.278
230	10	.047	.124	.557	-.306
230	11	.086	.153	.713	-.394
230	12	-.088	.113	.266	-.478
230	13	-.086	.118	.334	-.550
230	14	-.144	.105	.239	-.574
230	15	-.134	.120	.281	-.617

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	16	-.344	.216	.268	-1.037
230	17	.150	.145	.810	-.314
230	18	.030	.114	.502	-.336
230	19	-.142	.121	.224	-.584
230	20	-.057	.111	.279	-.577
230	101	-.094	.106	.287	-.514
230	102	-.092	.094	.300	-.451
230	103	-.101	.107	.332	-.547
230	104	-.056	.106	.365	-.500
230	105	-.148	.140	.371	-.766
230	106	-.543	.143	-.087	-1.244
230	107	-.200	.115	.235	-.563
230	108	-.060	.103	.310	-.391
230	109	-.081	.113	.293	-.544
230	110	-.207	.133	.187	-.751
230	111	-.650	.206	-.006	-1.372
230	112	-.114	.114	.307	-.517
230	113	-.212	.128	.229	-.748
230	114	-.215	.105	.157	-.587
230	115	-.138	.114	.276	-.547
230	116	-.079	.115	.334	-.545
230	117	-.151	.142	.200	-.677
230	118	-.609	.197	-.079	-1.482
230	119	-.226	.129	.152	-.799
230	120	-.169	.119	.191	-.727
230	121	-.140	.117	.218	-.518
230	122	-.131	.103	.199	-.423
230	123	-.140	.125	.291	-.584
230	124	-.201	.190	.335	-.960
230	125	-.454	.176	.115	-1.151
230	126	-.213	.112	.223	-.579
230	127	-.246	.126	.152	-.660
230	128	-.146	.116	.218	-.500
230	129	-.103	.114	.272	-.527
230	130	-.178	.136	.192	-.797
230	131	-.345	.235	.259	-1.078
230	132	-.473	.165	.039	-1.403
230	133	-.172	.123	.257	-.614
230	134	-.251	.115	.152	-.661
230	135	-.230	.123	.197	-.673
230	136	-.097	.113	.313	-.536
230	137	-.115	.145	.349	-.878
230	138	-.303	.196	.207	-1.209
230	139	-.565	.187	.010	-1.752
230	140	-.178	.131	.294	-.646
230	141	-.200	.125	.188	-.640
230	142	-.229	.110	.110	-.619
230	143	-.163	.118	.221	-.692
230	144	-.094	.125	.273	-.625
230	145	-.193	.191	.296	-1.030

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	146	-.494	.163	-.008	-1.172
230	147	-.244	.137	.219	-.966
230	148	-.197	.130	.215	-.863
230	149	-.166	.120	.260	-.598
230	150	-.147	.103	.237	-.474
230	151	-.158	.131	.261	-.783
230	152	-.184	.173	.291	-1.018
230	153	-.412	.165	.181	-1.058
230	154	-.209	.119	.144	-.684
230	155	-.256	.141	.181	-1.038
230	156	-.144	.117	.268	-.714
230	157	-.079	.127	.372	-.502
230	158	-.083	.133	.339	-.899
230	159	-.180	.197	.362	-1.103
230	160	-.358	.178	.262	-1.184
230	161	-.116	.125	.280	-.581
230	162	-.154	.122	.228	-.613
230	163	-.117	.119	.282	-.540
230	164	-.059	.106	.326	-.433
230	165	-.062	.127	.377	-.587
230	166	-.131	.151	.339	-.784
230	167	-.303	.163	.227	-1.009
230	168	-.091	.130	.386	-.541
230	169	-.127	.130	.363	-.569
230	170	-.095	.112	.342	-.425
230	171	-.040	.118	.428	-.392
230	172	-.047	.124	.436	-.569
230	173	-.087	.150	.312	-.814
230	174	-.243	.156	.183	-.930
230	175	-.043	.112	.314	-.471
230	176	-.115	.127	.266	-.570
230	177	-.078	.114	.324	-.545
230	178	-.026	.099	.313	-.359
230	179	-.021	.112	.334	-.400
230	180	-.055	.129	.322	-.544
230	181	-.140	.141	.252	-.760
230	182	-.015	.106	.297	-.399
230	183	-.085	.128	.334	-.554
230	184	-.060	.120	.333	-.460
230	185	-.026	.108	.320	-.430
230	186	-.010	.098	.320	-.343
230	187	-.043	.118	.328	-.485
230	188	-.131	.138	.311	-.719
230	201	-.098	.119	.336	-.471
230	202	.058	.110	.511	-.255
230	203	.165	.144	.712	-.305
230	204	.266	.152	.900	-.155
230	205	.163	.167	.803	-.495
230	206	.021	.135	.513	-.448
230	207	-.004	.118	.404	-.379
230	208	-.007	.114	.427	-.389
230	209	-.024	.129	.476	-.470
230	210	-.044	.110	.362	-.373
230	211	.289	.168	.835	-.307
230	212	-.186	.139	.264	-.657
230	213	.121	.149	.590	-.385
230	214	.235	.163	.739	-.342
230	215	.296	.187	.882	-.419
230	216	.212	.182	.866	-.395
230	217	.105	.166	.689	-.380
230	218	.112	.125	.533	-.317
230	219	.064	.127	.499	-.392
230	220	.040	.117	.463	-.388
230	221	.040	.123	.478	-.375
230	222	.028	.128	.577	-.370
230	223	-.076	.138	.462	-.544
230	224	.160	.143	.668	-.256
230	225	.238	.153	.925	-.300
230	226	.353	.147	1.024	-.107
230	227	.238	.157	.890	-.214
230	228	.140	.142	.645	-.324
230	229	.131	.137	.597	-.331
230	230	.088	.113	.473	-.307
230	231	-.094	.114	.277	-.505
230	232	-.105	.138	.333	-.628
230	233	.201	.138	.638	-.261
230	234	.299	.142	.789	-.172
230	235	.406	.169	1.037	-.192
230	236	.279	.179	.894	-.307
230	237	.170	.145	.778	-.372
230	238	.142	.115	.585	-.245
230	239	.054	.120	.495	-.366
230	240	-.186	.125	.248	-.569
230	241	-.209	.220	.689	-.898
230	242	-.100	.120	.305	-.592
230	243	.194	.147	.720	-.278
230	244	.287	.159	.774	-.164
230	245	.384	.167	.995	-.160
230	246	.251	.165	.765	-.324
230	247	.140	.158	.625	-.441
230	248	.110	.124	.493	-.333
230	249	.014	.125	.455	-.413
230	250	-.229	.122	.307	-.629
230	251	-.386	.144	.282	-.923
230	252	-.107	.122	.294	-.592
230	253	.169	.135	.667	-.222
230	254	.271	.146	.818	-.133
230	255	.407	.150	.953	-.075
230	256	.276	.160	.780	-.374
230	257	.133	.156	.634	-.413
230	258	.109	.129	.561	-.305
230	259	.001	.121	.428	-.465
230	260	-.262	.117	.104	-.699
230	261	-.447	.166	.086	-1.074
230	262	-.109	.136	.372	-.634
230	263	.138	.138	.601	-.331
230	264	.223	.153	.718	-.322
230	265	.333	.155	.835	-.116
230	266	.247	.161	.838	-.352
230	267	.122	.151	.660	-.451
230	268	.075	.121	.504	-.364
230	269	-.024	.128	.444	-.512
230	270	-.262	.139	.221	-.774
230	271	-.440	.183	.470	-1.021
230	272	-.123	.114	.254	-.606
230	273	.137	.129	.645	-.339
230	274	.244	.140	.809	-.212
230	275	.302	.159	.876	-.160
230	276	.201	.155	.680	-.266
230	277	.083	.154	.610	-.433
230	278	.083	.132	.578	-.374
230	279	.007	.120	.477	-.420
230	280	-.266	.127	.142	-.790
230	281	-.432	.194	.301	-1.235
230	282	-.103	.133	.404	-.615
230	283	.139	.140	.708	-.334
230	284	.192	.144	.709	-.276
230	285	.262	.158	.813	-.284
230	286	.194	.145	.810	-.306
230	287	.120	.143	.621	-.367
230	288	.077	.117	.515	-.354
230	289	-.003	.123	.466	-.488
230	290	-.201	.132	.232	-.656
230	291	-.302	.192	.353	-1.181
230	292	-.096	.120	.330	-.571
230	293	.087	.132	.628	-.325
230	294	.164	.141	.784	-.268
230	295	.225	.135	.750	-.231
230	296	.149	.133	.755	-.307
230	297	.073	.139	.615	-.375
230	298	.081	.124	.552	-.347
230	299	.029	.113	.544	-.355
230	300	-.183	.131	.379	-.684
230	301	-.278	.203	.673	-.992
230	302	-.055	.126	.475	-.474
230	303	.102	.127	.642	-.341
230	304	.128	.132	.668	-.280
230	305	.170	.146	.803	-.265
230	306	.137	.139	.744	-.388
230	307	.093	.129	.564	-.422

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	308	.069	.110	.442	-.326
230	309	.022	.122	.461	-.406
230	310	-.082	.134	.360	-.641
230	311	-.109	.179	.493	-.792
230	312	-.033	.110	.323	-.479
230	313	.049	.121	.441	-.368
230	314	.093	.124	.549	-.318
230	315	.127	.123	.542	-.238
230	316	.090	.108	.414	-.280
230	317	.066	.119	.430	-.328
230	318	.080	.112	.419	-.322
230	319	.058	.102	.427	-.328
230	320	-.074	.108	.347	-.468
230	321	-.111	.147	.453	-.622
230	322	-.012	.120	.413	-.524
230	323	.078	.115	.493	-.357
230	324	.103	.114	.523	-.286
230	325	.093	.119	.503	-.381
230	326	.098	.116	.474	-.356
230	327	.094	.114	.483	-.238
230	328	-.051	.116	.311	-.417
230	329	-.030	.147	.580	-.600
230	401	-.007	.114	.388	-.359
230	402	-.188	.132	.303	-.996
230	403	-.232	.126	.226	-.996
230	404	-.238	.141	.254	-.798
230	405	-.199	.138	.335	-.734
230	406	.024	.117	.414	-.424
230	407	-.490	.176	.048	-1.194
230	408	-.289	.177	.247	-1.122
230	409	-.212	.131	.307	-.774
230	410	-.212	.137	.181	-.876
230	411	-.206	.128	.191	-.734
230	412	-.444	.166	.030	-1.080
230	413	-.390	.171	.148	-1.224
230	414	-.191	.117	.228	-.648
230	415	-.162	.112	.188	-.697
230	416	-.116	.123	.246	-.830
230	417	-.429	.154	.060	-1.056
230	418	-.362	.141	.092	-.968
230	419	-.192	.098	.174	-.590
230	420	-.105	.104	.282	-.561
230	421	-.093	.103	.321	-.573
230	422	-.485	.163	.048	-1.005
230	423	-.382	.139	.087	-.851
230	424	-.174	.113	.229	-.611
230	425	-.148	.110	.223	-.631
230	426	-.096	.106	.280	-.549
230	427	-.425	.144	.048	-.995
230	428	-.370	.146	.068	-.928
230	429	-.188	.107	.179	-.580
230	430	-.127	.110	.202	-.554
230	431	-.088	.096	.228	-.437
230	432	-.373	.161	.111	-1.042
230	433	-.401	.155	.094	-1.117
230	434	-.186	.112	.198	-.567
230	435	-.116	.094	.190	-.440
230	436	-.067	.100	.245	-.386
230	437	-.397	.173	.081	-1.055
230	438	-.372	.163	.159	-1.039
230	439	-.146	.102	.217	-.539
230	440	-.067	.104	.310	-.437
230	441	-.085	.107	.318	-.441
230	442	-.283	.166	.135	-.848
230	443	-.270	.137	.167	-.700
230	444	-.075	.107	.277	-.411
230	445	-.071	.103	.266	-.397
230	446	-.069	.108	.282	-.474
230	447	-.164	.119	.167	-.621
230	448	-.153	.126	.229	-.705
230	449	-.060	.106	.279	-.462
230	450	-.039	.104	.279	-.461
230	451	-.048	.095	.249	-.414
230	452	-.085	.126	.309	-.754
230	453	-.102	.114	.243	-.625
230	454	-.015	.099	.317	-.416
230	455	.013	.086	.287	-.359
230	456	.046	.094	.352	-.351
230	457	.100	.110	.537	-.336
230	458	-.087	.116	.236	-.558
230	459	-.053	.094	.223	-.417
230	460	.028	.095	.334	-.304
230	461	.026	.100	.343	-.313
230	462	.026	.110	.425	-.372
230	463	.120	.105	.567	-.266
230	501	-.105	.123	.349	-.518
230	502	-.117	.121	.320	-.528
230	503	-.093	.113	.295	-.468
230	504	-.072	.097	.264	-.424
230	505	-.051	.107	.293	-.465
230	506	-.100	.110	.251	-.483
230	507	-.110	.110	.262	-.538
230	508	-.107	.101	.241	-.555
230	509	-.131	.118	.231	-.537
230	510	-.129	.111	.272	-.540
230	511	-.100	.104	.303	-.505
230	512	-.077	.091	.267	-.407
230	513	-.046	.093	.295	-.393
230	514	-.093	.104	.306	-.462
230	515	-.098	.110	.280	-.443
230	516	-.112	.101	.245	-.428
230	517	-.119	.120	.256	-.557
230	518	-.134	.121	.267	-.612
230	519	-.112	.114	.278	-.472
230	520	-.102	.100	.288	-.439
230	521	-.036	.097	.261	-.490
230	522	-.075	.102	.239	-.558
230	523	-.073	.110	.296	-.511
230	524	-.129	.116	.338	-.500
230	525	-.048	.109	.289	-.514
230	526	-.078	.109	.273	-.597
230	527	-.071	.101	.255	-.535
230	528	-.059	.088	.215	-.462
230	529	-.083	.106	.274	-.481
230	530	-.089	.106	.267	-.465
230	531	-.093	.097	.237	-.436
230	532	-.116	.112	.261	-.508
230	533	-.094	.112	.282	-.523
230	534	-.090	.106	.305	-.489
230	535	-.092	.094	.197	-.422
230	536	-.102	.105	.220	-.455
230	537	-.094	.103	.215	-.444
230	538	-.104	.105	.250	-.517
230	539	-.106	.096	.218	-.480
230	540	-.132	.111	.246	-.530
230	541	-.103	.110	.276	-.529
230	542	-.098	.105	.296	-.552
230	543	-.101	.094	.243	-.450
230	544	-.113	.105	.270	-.508
230	545	-.104	.106	.255	-.546
230	546	-.102	.113	.239	-.529
230	547	-.104	.105	.214	-.586
230	548	-.129	.122	.217	-.683
230	549	-.085	.118	.296	-.600
230	550	-.093	.115	.273	-.489
230	551	-.101	.105	.228	-.445
230	552	-.115	.117	.247	-.539
230	553	-.105	.114	.280	-.494
230	554	-.112	.113	.282	-.540
230	555	-.114	.103	.270	-.508
230	556	-.141	.121	.325	-.618
230	557	-.089	.111	.289	-.508
230	558	-.091	.103	.231	-.471
230	559	-.100	.092	.184	-.437
230	560	-.113	.106	.233	-.444
230	561	-.095	.109	.339	-.481
230	562	-.107	.118	.310	-.642
230	563	-.111	.106	.270	-.582
230	564	-.139	.125	.278	-.697
230	565	-.080	.110	.349	-.555

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	566	-.085	.108	.271	-.503
230	567	-.098	.100	.266	-.486
230	568	-.103	.115	.355	-.670
230	569	-.079	.115	.404	-.498
230	570	-.089	.123	.328	-.545
230	571	-.098	.113	.263	-.490
230	572	-.135	.131	.319	-.666
230	573	-.080	.114	.323	-.467
230	574	-.081	.117	.327	-.559
230	575	-.074	.105	.283	-.449
230	576	-.074	.117	.350	-.499
230	577	-.049	.113	.340	-.459
230	578	-.050	.114	.301	-.473
230	579	-.061	.102	.257	-.417
230	580	-.185	.141	.321	-.649
230	581	-.045	.114	.327	-.441
230	582	-.022	.120	.419	-.422
230	583	-.043	.117	.363	-.473
230	584	-.031	.104	.322	-.396
230	585	-.131	.130	.307	-.615
230	586	-.016	.117	.399	-.421
230	587	-.005	.130	.472	-.456
230	588	.004	.115	.400	-.391
230	589	-.094	.141	.440	-.582
230	590	-.049	.117	.335	-.491
230	591	-.001	.128	.468	-.404
230	592	-.042	.131	.354	-.518
230	593	.009	.111	.353	-.384
230	594	-.092	.138	.356	-.582
230	595	-.013	.128	.373	-.471
240	1	-.057	.126	.410	-.531
240	2	-.055	.099	.359	-.384
240	3	-.263	.145	.210	-.822
240	4	-.113	.119	.323	-.539
240	5	-.074	.126	.323	-.699
240	6	-.377	.123	-.003	-.886
240	7	-.515	.152	-.043	-1.547
240	8	-.547	.158	-.097	-1.117
240	9	.040	.119	.437	-.388
240	10	-.005	.110	.390	-.446
240	11	.102	.150	.715	-.418
240	12	-.074	.107	.299	-.474
240	13	.047	.140	.822	-.489
240	14	-.112	.099	.280	-.471
240	15	-.102	.114	.275	-.545
240	16	-.056	.148	.453	-.626
240	17	-.010	.126	.477	-.433
240	18	-.073	.102	.337	-.408
240	19	-.122	.123	.288	-.711
240	20	-.034	.112	.367	-.576
240	101	-.087	.109	.291	-.455
240	102	-.074	.098	.275	-.378
240	103	-.074	.112	.355	-.453
240	104	-.014	.106	.364	-.382
240	105	-.041	.117	.391	-.581
240	106	-.425	.158	.129	-1.014
240	107	-.227	.122	.252	-.655
240	108	-.030	.109	.399	-.403
240	109	-.012	.109	.335	-.345
240	110	-.065	.108	.290	-.383
240	111	-.419	.246	.285	-1.382
240	112	-.097	.117	.346	-.461
240	113	-.263	.136	.162	-.882
240	114	-.221	.105	.151	-.576
240	115	-.084	.114	.439	-.532
240	116	.004	.110	.519	-.420
240	117	.012	.115	.395	-.448
240	118	-.341	.188	.195	-1.028
240	119	-.270	.126	.174	-.688
240	120	-.209	.116	.217	-.579
240	121	-.165	.111	.163	-.536
240	122	-.085	.098	.216	-.428
240	123	-.047	.116	.322	-.400
240	124	.023	.137	.424	-.755
240	125	-.254	.179	.320	-.879
240	126	-.278	.118	.242	-.729
240	127	-.312	.140	.277	-.839
240	128	-.182	.119	.341	-.581
240	129	-.048	.105	.322	-.439
240	130	-.055	.100	.290	-.397
240	131	-.062	.148	.392	-.805
240	132	-.245	.175	.321	-1.000
240	133	-.214	.142	.272	-.741
240	134	-.302	.137	.112	-.839
240	135	-.248	.137	.177	-.758
240	136	-.044	.114	.326	-.454
240	137	-.010	.107	.322	-.416
240	138	-.057	.128	.286	-.636
240	139	-.340	.203	.322	-1.206
240	140	-.236	.132	.158	-.746
240	141	-.270	.149	.216	-.885
240	142	-.265	.122	.135	-.792
240	143	-.121	.119	.264	-.576
240	144	-.009	.114	.350	-.561
240	145	.009	.134	.423	-.611
240	146	-.283	.171	.222	-.983
240	147	-.305	.147	.189	-.849
240	148	-.272	.139	.126	-.903
240	149	-.209	.122	.175	-.688
240	150	-.110	.097	.310	-.444
240	151	-.069	.113	.403	-.426
240	152	.009	.119	.430	-.698
240	153	-.225	.178	.311	-.971
240	154	-.262	.126	.214	-.781
240	155	-.341	.146	.068	-.927
240	156	-.185	.114	.143	-.649
240	157	-.046	.107	.312	-.389
240	158	.002	.097	.340	-.339
240	159	-.009	.132	.442	-.596
240	160	-.209	.171	.455	-.834
240	161	-.148	.143	.289	-.660
240	162	-.224	.134	.208	-.752
240	163	-.164	.129	.276	-.658
240	164	-.033	.116	.371	-.434
240	165	-.005	.115	.396	-.451
240	166	-.004	.117	.365	-.442
240	167	-.205	.174	.378	-.849
240	168	-.119	.132	.266	-.621
240	169	-.188	.154	.334	-.732
240	170	-.123	.128	.300	-.540
240	171	-.020	.131	.410	-.415
240	172	.013	.131	.428	-.410
240	173	.020	.123	.484	-.449
240	174	-.098	.138	.392	-.604
240	175	-.036	.126	.433	-.478
240	176	-.150	.132	.305	-.668
240	177	-.083	.117	.284	-.538
240	178	.012	.098	.317	-.318
240	179	.025	.110	.421	-.340
240	180	.046	.114	.461	-.385
240	181	-.033	.147	.452	-.622
240	182	.006	.114	.372	-.381
240	183	-.160	.141	.249	-.734
240	184	-.090	.126	.295	-.593
240	185	-.002	.106	.365	-.404
240	186	.043	.098	.370	-.326
240	187	.040	.118	.391	-.417
240	188	-.007	.149	.451	-.702
240	201	.019	.134	.569	-.389
240	202	.155	.128	.579	-.251
240	203	.246	.162	.816	-.269
240	204	.235	.177	.897	-.302
240	205	-.041	.194	.503	-.737
240	206	-.182	.145	.290	-.736
240	207	-.094	.122	.319	-.582
240	208	-.060	.118	.326	-.519
240	209	-.048	.111	.321	-.453
240	210	-.081	.099	.266	-.429
240	211	.311	.174	.987	-.163
240	212	-.052	.144	.471	-.674

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	213	.208	.161	.771	-.308
240	214	.288	.170	.834	-.399
240	215	.225	.199	.955	-.772
240	216	.002	.192	.648	-.900
240	217	-.096	.176	.436	-.904
240	218	-.004	.122	.368	-.549
240	219	-.025	.126	.378	-.529
240	220	-.031	.101	.310	-.369
240	221	-.036	.126	.373	-.471
240	222	-.048	.124	.417	-.460
240	223	.078	.157	.695	-.461
240	224	.276	.165	.886	-.275
240	225	.350	.161	.876	-.164
240	226	.350	.153	.886	-.103
240	227	.050	.182	.633	-.631
240	228	-.023	.156	.477	-.595
240	229	.027	.124	.437	-.396
240	230	.001	.101	.339	-.350
240	231	-.160	.109	.175	-.521
240	232	.074	.142	.597	-.364
240	233	.330	.150	1.061	-.090
240	234	.406	.146	1.074	.020
240	235	.373	.174	.996	-.211
240	236	.043	.190	.633	-.556
240	237	-.020	.165	.577	-.643
240	238	.017	.124	.448	-.400
240	239	-.045	.130	.360	-.487
240	240	-.203	.140	.216	-.656
240	241	-.298	.162	.452	-.874
240	242	.068	.130	.619	-.402
240	243	.323	.149	.962	-.210
240	244	.401	.146	.984	-.083
240	245	.366	.166	.928	-.186
240	246	.037	.188	.631	-.625
240	247	-.050	.164	.627	-.714
240	248	-.008	.121	.517	-.367
240	249	-.068	.123	.482	-.452
240	250	-.245	.128	.211	-.671
240	251	-.348	.158	.147	-.895
240	252	.064	.139	.536	-.373
240	253	.304	.152	.800	-.153
240	254	.381	.159	.955	-.094
240	255	.349	.162	.867	-.219
240	256	.033	.169	.652	-.699
240	257	-.066	.149	.491	-.633
240	258	-.021	.121	.420	-.426
240	259	-.084	.117	.331	-.510
240	260	-.275	.122	.101	-.709
240	261	-.411	.166	.078	-1.101
240	262	.080	.152	.559	-.583
240	263	.257	.157	.905	-.205
240	264	.340	.171	1.111	-.103
240	265	.313	.166	.851	-.140
240	266	.054	.196	.804	-.760
240	267	-.090	.154	.377	-.684
240	268	-.058	.114	.303	-.476
240	269	-.133	.122	.277	-.599
240	270	-.326	.138	.099	-.875
240	271	-.469	.180	.097	-1.153
240	272	.040	.137	.555	-.414
240	273	.245	.143	.890	-.145
240	274	.323	.145	.961	-.103
240	275	.291	.153	.827	-.241
240	276	-.004	.171	.592	-.705
240	277	-.108	.161	.487	-.725
240	278	-.042	.131	.422	-.482
240	279	-.088	.113	.325	-.533
240	280	-.340	.126	.109	-.841
240	281	-.523	.183	.130	-1.257
240	282	.054	.142	.508	-.447
240	283	.243	.140	.806	-.177
240	284	.281	.134	.815	-.083
240	285	.237	.147	.819	-.170
240	286	.010	.175	.590	-.537
240	287	-.052	.146	.479	-.627
240	288	-.037	.111	.407	-.490
240	289	-.108	.120	.383	-.620
240	290	-.292	.131	.160	-.794
240	291	-.424	.179	.177	-1.105
240	292	.053	.126	.456	-.323
240	293	.190	.144	.688	-.247
240	294	.251	.147	.827	-.267
240	295	.212	.133	.708	-.216
240	296	-.031	.139	.479	-.616
240	297	-.095	.140	.353	-.681
240	298	-.034	.118	.376	-.510
240	299	-.056	.113	.342	-.459
240	300	-.255	.119	.157	-.677
240	301	-.383	.178	.215	-1.031
240	302	.074	.120	.540	-.294
240	303	.176	.129	.711	-.332
240	304	.198	.122	.683	-.227
240	305	.165	.139	.712	-.312
240	306	.024	.151	.513	-.462
240	307	-.037	.129	.344	-.496
240	308	-.016	.104	.331	-.389
240	309	-.069	.116	.313	-.498
240	310	-.191	.132	.181	-.635
240	311	-.231	.174	.365	-.838
240	312	.089	.114	.553	-.332
240	313	.130	.124	.665	-.323
240	314	.155	.120	.591	-.284
240	315	.129	.121	.532	-.252
240	316	.026	.114	.417	-.399
240	317	-.007	.120	.451	-.449
240	318	.019	.111	.439	-.376
240	319	-.002	.103	.351	-.370
240	320	-.144	.120	.253	-.580
240	321	-.204	.166	.446	-.859
240	322	.097	.121	.643	-.367
240	323	.154	.120	.661	-.258
240	324	.166	.111	.555	-.189
240	325	.034	.132	.482	-.410
240	326	.029	.121	.410	-.388
240	327	.033	.111	.430	-.340
240	328	-.114	.113	.242	-.484
240	329	-.118	.144	.348	-.725
240	401	-.036	.113	.321	-.411
240	402	-.151	.118	.309	-.586
240	403	-.181	.111	.225	-.550
240	404	-.206	.126	.234	-.663
240	405	-.192	.135	.244	-.731
240	406	-.054	.106	.288	-.525
240	407	-.411	.172	-.010	-1.267
240	408	-.221	.133	.196	-.882
240	409	-.191	.125	.172	-.708
240	410	-.201	.137	.197	-.822
240	411	-.187	.124	.253	-.760
240	412	-.389	.189	.092	-1.246
240	413	-.299	.168	.199	-1.124
240	414	-.181	.123	.249	-.637
240	415	-.145	.112	.262	-.828
240	416	-.103	.119	.316	-.593
240	417	-.367	.160	.122	-1.025
240	418	-.236	.141	.170	-.848
240	419	-.175	.111	.162	-.614
240	420	-.128	.114	.207	-.547
240	421	-.148	.115	.185	-.656
240	422	-.397	.167	.094	-.977
240	423	-.245	.126	.162	-.701
240	424	-.156	.124	.249	-.737
240	425	-.169	.124	.243	-.669
240	426	-.148	.131	.289	-.884
240	427	-.423	.142	-.011	-.944
240	428	-.278	.146	.232	-.846
240	429	-.208	.130	.180	-.865
240	430	-.174	.134	.272	-.676
240	431	-.136	.122	.225	-.662
240	432	-.416	.161	.037	-1.069
240	433	-.351	.160	.154	-.932

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	434	-.194	.128	.230	-.736
240	435	-.131	.113	.201	-.576
240	436	-.084	.125	.313	-.721
240	437	-.403	.159	.049	-1.036
240	438	-.336	.152	.099	-1.041
240	439	-.170	.119	.156	-.849
240	440	-.099	.128	.253	-.839
240	441	-.111	.134	.244	-1.058
240	442	-.405	.159	.094	-.926
240	443	-.299	.135	.087	-.766
240	444	-.120	.121	.283	-.707
240	445	-.113	.121	.272	-.659
240	446	-.062	.115	.390	-.519
240	447	-.244	.125	.166	-.762
240	448	-.170	.130	.259	-.626
240	449	-.083	.112	.321	-.447
240	450	-.049	.104	.302	-.462
240	451	-.020	.093	.268	-.404
240	452	-.159	.127	.222	-.618
240	453	-.123	.113	.237	-.572
240	454	-.041	.110	.320	-.487
240	455	.006	.095	.303	-.373
240	456	.044	.104	.393	-.352
240	457	.094	.118	.612	-.328
240	458	-.208	.133	.170	-.749
240	459	-.087	.100	.213	-.405
240	460	-.001	.100	.316	-.320
240	461	.004	.102	.321	-.331
240	462	.021	.102	.392	-.372
240	463	.132	.101	.540	-.221
240	501	-.094	.110	.318	-.499
240	502	-.106	.106	.256	-.509
240	503	-.096	.123	.278	-.526
240	504	-.075	.111	.240	-.573
240	505	-.071	.119	.297	-.510
240	506	-.133	.124	.243	-.648
240	507	-.122	.117	.264	-.579
240	508	-.107	.104	.213	-.555
240	509	-.107	.113	.251	-.486
240	510	-.117	.110	.260	-.479
240	511	-.094	.103	.267	-.445
240	512	-.070	.090	.260	-.370
240	513	-.059	.095	.280	-.383
240	514	-.117	.108	.267	-.534
240	515	-.145	.115	.214	-.542
240	516	-.153	.103	.172	-.589
240	517	-.098	.108	.265	-.533
240	518	-.122	.106	.246	-.508
240	519	-.106	.113	.275	-.478
240	520	-.100	.101	.239	-.440
240	521	-.058	.094	.266	-.423
240	522	-.103	.098	.215	-.494
240	523	-.106	.110	.221	-.484
240	524	-.169	.125	.295	-.615
240	525	-.086	.111	.265	-.478
240	526	-.115	.106	.235	-.517
240	527	-.103	.097	.192	-.451
240	528	-.079	.085	.185	-.383
240	529	-.102	.116	.259	-.570
240	530	-.112	.112	.272	-.481
240	531	-.114	.102	.252	-.470
240	532	-.145	.119	.271	-.540
240	533	-.126	.125	.250	-.628
240	534	-.123	.115	.264	-.564
240	535	-.115	.102	.229	-.484
240	536	-.123	.113	.261	-.506
240	537	-.125	.115	.241	-.524
240	538	-.129	.119	.236	-.631
240	539	-.128	.109	.230	-.570
240	540	-.170	.128	.235	-.799
240	541	-.144	.135	.256	-.732
240	542	-.139	.136	.305	-.751
240	543	-.132	.120	.331	-.534
240	544	-.136	.133	.370	-.610
240	545	-.133	.134	.324	-.633
240	546	-.144	.123	.284	-.649
240	547	-.142	.111	.239	-.584
240	548	-.185	.134	.248	-.705
240	549	-.144	.129	.346	-.964
240	550	-.125	.128	.293	-.677
240	551	-.125	.114	.256	-.614
240	552	-.127	.127	.282	-.726
240	553	-.122	.129	.313	-.823
240	554	-.140	.135	.303	-.757
240	555	-.138	.120	.345	-.608
240	556	-.187	.145	.273	-.904
240	557	-.126	.130	.264	-.713
240	558	-.124	.113	.264	-.505
240	559	-.125	.104	.224	-.515
240	560	-.132	.118	.228	-.750
240	561	-.122	.118	.267	-.663
240	562	-.127	.141	.333	-.838
240	563	-.123	.125	.255	-.672
240	564	-.182	.151	.237	-.822
240	565	-.095	.127	.270	-.585
240	566	-.101	.131	.291	-.619
240	567	-.103	.122	.274	-.536
240	568	-.109	.133	.351	-.623
240	569	-.103	.137	.471	-.642
240	570	-.121	.139	.432	-.726
240	571	-.118	.123	.392	-.590
240	572	-.179	.146	.353	-.837
240	573	-.055	.117	.342	-.449
240	574	-.060	.117	.321	-.597
240	575	-.070	.107	.254	-.608
240	576	-.065	.120	.363	-.694
240	577	-.052	.120	.297	-.585
240	578	-.060	.122	.347	-.544
240	579	-.069	.112	.286	-.470
240	580	-.213	.133	.217	-.806
240	581	-.056	.117	.417	-.494
240	582	-.019	.109	.352	-.485
240	583	-.026	.113	.328	-.369
240	584	-.021	.102	.324	-.349
240	585	-.102	.127	.315	-.486
240	586	-.002	.116	.392	-.433
240	587	.001	.112	.421	-.432
240	588	.010	.098	.368	-.344
240	589	-.107	.126	.342	-.544
240	590	-.059	.122	.301	-.543
240	591	-.004	.109	.432	-.385
240	592	-.023	.113	.411	-.417
240	593	.009	.097	.300	-.319
240	594	-.089	.122	.307	-.530
240	595	-.015	.114	.368	-.419
250	1	-.131	.141	.296	-.634
250	2	-.116	.124	.256	-.701
250	3	-.311	.155	.265	-.997
250	4	-.042	.120	.376	-.579
250	5	-.154	.145	.344	-.700
250	6	-.272	.138	.234	-.708
250	7	-.473	.155	.081	-1.191
250	8	-.480	.165	.053	-1.104
250	9	-.003	.116	.391	-.475
250	10	-.057	.109	.331	-.523
250	11	.025	.150	.525	-.488
250	12	-.099	.112	.278	-.499
250	13	.170	.173	.876	-.349
250	14	-.148	.114	.266	-.607
250	15	-.081	.123	.347	-.557
250	16	.091	.137	.528	-.395
250	17	-.145	.136	.383	-.709
250	18	-.147	.105	.309	-.532
250	19	-.140	.135	.339	-.889
250	20	-.030	.124	.485	-.694
250	101	-.091	.114	.327	-.496
250	102	-.064	.102	.296	-.416
250	103	-.045	.117	.342	-.436
250	104	.027	.113	.382	-.328
250	105	.026	.112	.394	-.356

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	106	-.220	.155	.248	-.786
250	107	-.251	.122	.145	-.784
250	108	-.001	.110	.339	-.418
250	109	.040	.119	.468	-.358
250	110	.023	.120	.411	-.359
250	111	-.114	.226	.496	-1.025
250	112	-.037	.115	.405	-.434
250	113	-.457	.165	.052	-.981
250	114	-.322	.114	.001	-.685
250	115	-.040	.119	.348	-.411
250	116	.078	.115	.456	-.297
250	117	.119	.131	.518	-.336
250	118	-.067	.183	.425	-.798
250	119	-.373	.159	.165	-.912
250	120	-.374	.146	.039	-.877
250	121	-.227	.124	.249	-.677
250	122	-.046	.112	.398	-.454
250	123	.031	.132	.527	-.438
250	124	.147	.132	.666	-.475
250	125	-.013	.175	.574	-.597
250	126	-.357	.124	.084	-.835
250	127	-.472	.147	-.043	-1.047
250	128	-.258	.115	.097	-.699
250	129	-.014	.112	.452	-.345
250	130	.024	.109	.510	-.271
250	131	.089	.133	.702	-.272
250	132	-.010	.200	.750	-.697
250	133	-.309	.160	.243	-.960
250	134	-.485	.149	-.005	-.999
250	135	-.345	.136	.153	-.787
250	136	-.019	.108	.361	-.363
250	137	.067	.112	.484	-.349
250	138	.073	.112	.503	-.320
250	139	-.062	.204	.610	-.831
250	140	-.302	.165	.411	-.910
250	141	-.416	.159	.074	-1.009
250	142	-.356	.126	.033	-.779
250	143	-.098	.120	.333	-.492
250	144	.049	.114	.473	-.328
250	145	.115	.114	.556	-.298
250	146	-.034	.169	.562	-.797
250	147	-.351	.181	.184	-1.072
250	148	-.388	.164	.059	-1.146
250	149	-.273	.124	.101	-.728
250	150	-.080	.097	.269	-.408
250	151	-.005	.115	.413	-.409
250	152	.105	.115	.519	-.299
250	153	.024	.180	.662	-.552
250	154	-.281	.148	.181	-.816
250	155	-.455	.173	.027	-1.073
250	156	-.228	.129	.166	-.644
250	157	-.021	.106	.319	-.393
250	158	.052	.094	.350	-.266
250	159	.064	.114	.440	-.357
250	160	-.036	.182	.522	-.599
250	161	-.143	.154	.360	-.720
250	162	-.310	.142	.124	-.765
250	163	-.218	.134	.228	-.652
250	164	-.010	.114	.368	-.421
250	165	.054	.107	.488	-.329
250	166	.091	.099	.433	-.244
250	167	-.019	.160	.451	-.626
250	168	-.081	.133	.444	-.558
250	169	-.214	.135	.229	-.765
250	170	-.120	.106	.255	-.577
250	171	-.012	.108	.366	-.465
250	172	.043	.106	.405	-.381
250	173	.073	.105	.408	-.368
250	174	.021	.122	.389	-.674
250	175	-.019	.112	.360	-.473
250	176	-.165	.128	.186	-.734
250	177	-.082	.123	.378	-.580
250	178	.048	.101	.392	-.292
250	179	.056	.118	.442	-.350
250	180	.089	.120	.499	-.342
250	181	.068	.133	.548	-.508
250	182	.044	.101	.417	-.280
250	183	-.189	.135	.270	-.661
250	184	-.083	.114	.326	-.448
250	185	.043	.112	.388	-.307
250	186	.107	.102	.467	-.204
250	187	.101	.120	.524	-.268
250	188	.101	.137	.566	-.351
250	201	.134	.143	.621	-.359
250	202	.232	.133	.651	-.229
250	203	.245	.169	.920	-.280
250	204	.086	.191	.759	-.655
250	205	-.335	.209	.308	-1.103
250	206	-.362	.146	.111	-.896
250	207	-.165	.123	.241	-.786
250	208	-.091	.110	.306	-.510
250	209	-.076	.120	.374	-.495
250	210	-.078	.092	.273	-.357
250	211	.259	.186	1.103	-.345
250	212	.105	.152	.706	-.443
250	213	.280	.158	.822	-.167
250	214	.242	.167	.744	-.403
250	215	-.006	.224	.653	-.960
250	216	-.330	.226	.351	-1.189
250	217	-.326	.184	.202	-1.040
250	218	-.093	.111	.245	-.545
250	219	-.099	.117	.307	-.578
250	220	-.092	.109	.307	-.504
250	221	-.073	.109	.308	-.446
250	222	-.047	.104	.333	-.353
250	223	.225	.154	.791	-.269
250	224	.348	.157	.924	-.194
250	225	.359	.157	.997	-.094
250	226	.243	.147	.838	-.254
250	227	-.190	.175	.393	-.798
250	228	-.202	.150	.286	-.826
250	229	-.086	.113	.305	-.513
250	230	-.050	.094	.292	-.394
250	231	-.151	.107	.272	-.483
250	232	.276	.165	.952	-.339
250	233	.420	.162	1.045	-.022
250	234	.457	.154	1.065	.018
250	235	.238	.191	.861	-.448
250	236	-.234	.197	.480	-1.033
250	237	-.233	.172	.353	-.976
250	238	-.058	.111	.368	-.509
250	239	-.085	.116	.366	-.474
250	240	-.133	.112	.257	-.477
250	241	-.157	.119	.179	-.807
250	242	.266	.140	.772	-.197
250	243	.405	.147	1.012	-.079
250	244	.414	.136	.928	-.030
250	245	.172	.181	.738	-.521
250	246	-.280	.211	.336	-1.002
250	247	-.264	.168	.253	-.830
250	248	-.108	.123	.285	-.592
250	249	-.089	.108	.277	-.475
250	250	-.149	.111	.243	-.544
250	251	-.172	.117	.169	-.638
250	252	.242	.136	.669	-.203
250	253	.366	.156	.873	-.126
250	254	.367	.164	.880	-.106
250	255	.169	.197	.835	-.651
250	256	-.245	.204	.472	-.997
250	257	-.249	.170	.325	-.930
250	258	-.119	.131	.313	-.603
250	259	-.089	.111	.290	-.484
250	260	-.144	.099	.157	-.441
250	261	-.198	.118	.157	-.569
250	262	.199	.135	.692	-.213
250	263	.337	.160	.937	-.131
250	264	.344	.165	.983	-.183
250	265	.151	.190	1.014	-.588
250	266	-.215	.219	.550	-1.050
250	267	-.245	.163	.216	-.988

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	268	-.119	.105	.212	-.453
250	269	-.143	.113	.198	-.516
250	270	-.200	.122	.165	-.696
250	271	-.239	.133	.252	-.793
250	272	.194	.133	.604	-.274
250	273	.304	.155	.881	-.205
250	274	.321	.158	.988	-.183
250	275	.129	.170	.672	-.504
250	276	-.228	.179	.288	-.994
250	277	-.256	.159	.230	-.977
250	278	-.122	.124	.277	-.582
250	279	-.119	.112	.266	-.585
250	280	-.233	.118	.099	-.682
250	281	-.330	.157	.129	-.952
250	282	.178	.137	.634	-.240
250	283	.258	.149	.955	-.216
250	284	.247	.139	.850	-.201
250	285	.083	.175	.903	-.447
250	286	-.197	.203	.400	-1.201
250	287	-.183	.139	.254	-.743
250	288	-.107	.101	.250	-.479
250	289	-.140	.109	.223	-.562
250	290	-.232	.119	.150	-.741
250	291	-.320	.149	.223	-1.008
250	292	.134	.114	.643	-.243
250	293	.200	.134	.732	-.187
250	294	.225	.139	.741	-.247
250	295	.104	.157	.768	-.675
250	296	-.173	.172	.294	-1.036
250	297	-.200	.156	.239	-1.076
250	298	-.093	.117	.529	-.527
250	299	-.108	.117	.285	-.595
250	300	-.247	.120	.112	-.730
250	301	-.364	.156	.164	-.964
250	302	.138	.135	.711	-.308
250	303	.182	.123	.618	-.247
250	304	.174	.119	.594	-.227
250	305	.070	.163	.681	-.542
250	306	-.110	.177	.454	-.806
250	307	-.139	.152	.354	-.740
250	308	-.075	.114	.339	-.503
250	309	-.116	.123	.342	-.567
250	310	-.224	.134	.280	-.741
250	311	-.288	.152	.295	-.842
250	312	.139	.110	.498	-.224
250	313	.156	.126	.596	-.316
250	314	.161	.121	.562	-.321
250	315	.070	.136	.520	-.538
250	316	-.076	.131	.371	-.637
250	317	-.096	.131	.385	-.635
250	318	-.035	.110	.424	-.384
250	319	-.044	.103	.293	-.415
250	320	-.170	.115	.178	-.566
250	321	-.237	.154	.234	-.838
250	322	.144	.117	.605	-.292
250	323	.186	.123	.626	-.230
250	324	.159	.112	.610	-.207
250	325	-.052	.137	.415	-.523
250	326	-.041	.122	.311	-.497
250	327	-.009	.107	.330	-.394
250	328	-.141	.106	.162	-.592
250	329	-.159	.140	.262	-.854
250	401	-.067	.108	.294	-.525
250	402	-.118	.111	.225	-.497
250	403	-.122	.101	.198	-.498
250	404	-.149	.116	.199	-.549
250	405	-.127	.121	.271	-.609
250	406	-.084	.113	.360	-.527
250	407	-.170	.120	.191	-.611
250	408	-.157	.128	.258	-.648
250	409	-.115	.120	.293	-.560
250	410	-.109	.116	.240	-.489
250	411	-.115	.104	.210	-.455
250	412	-.164	.121	.217	-.628
250	413	-.132	.119	.265	-.615
250	414	-.121	.100	.203	-.476
250	415	-.111	.088	.176	-.415
250	416	-.133	.103	.197	-.518
250	417	-.169	.106	.148	-.615
250	418	-.145	.112	.290	-.674
250	419	-.125	.098	.280	-.508
250	420	-.135	.112	.253	-.566
250	421	-.142	.113	.204	-.590
250	422	-.190	.121	.185	-.717
250	423	-.154	.101	.178	-.593
250	424	-.153	.111	.207	-.568
250	425	-.148	.110	.204	-.534
250	426	-.162	.123	.225	-.766
250	427	-.228	.127	.150	-.804
250	428	-.198	.131	.358	-.806
250	429	-.175	.123	.306	-.784
250	430	-.177	.122	.245	-.660
250	431	-.182	.118	.166	-.700
250	432	-.305	.134	.081	-.762
250	433	-.233	.129	.155	-.794
250	434	-.179	.122	.235	-.609
250	435	-.162	.110	.190	-.627
250	436	-.186	.128	.278	-.616
250	437	-.299	.127	.102	-.779
250	438	-.257	.144	.168	-.778
250	439	-.195	.119	.172	-.646
250	440	-.195	.136	.222	-.711
250	441	-.172	.142	.297	-.839
250	442	-.340	.148	.087	-1.095
250	443	-.255	.134	.102	-.969
250	444	-.203	.135	.178	-.954
250	445	-.166	.131	.210	-1.006
250	446	-.144	.142	.244	-.745
250	447	-.309	.138	.063	-.768
250	448	-.256	.151	.166	-.821
250	449	-.155	.134	.219	-.750
250	450	-.098	.124	.292	-.612
250	451	-.060	.107	.273	-.493
250	452	-.238	.132	.163	-.878
250	453	-.151	.125	.232	-.642
250	454	-.068	.111	.298	-.496
250	455	-.028	.095	.301	-.382
250	456	-.007	.103	.347	-.380
250	457	.075	.110	.451	-.293
250	458	-.244	.125	.173	-.709
250	459	-.129	.104	.184	-.541
250	460	-.071	.103	.269	-.497
250	461	-.026	.103	.314	-.442
250	462	.065	.103	.292	-.345
250	463	.110	.102	.452	-.245
250	501	-.116	.114	.238	-.551
250	502	-.106	.109	.264	-.515
250	503	-.103	.108	.267	-.655
250	504	-.103	.095	.248	-.450
250	505	-.136	.108	.272	-.553
250	506	-.148	.112	.274	-.563
250	507	-.150	.124	.318	-.642
250	508	-.156	.112	.155	-.640
250	509	-.112	.104	.202	-.481
250	510	-.103	.103	.236	-.473
250	511	-.098	.104	.226	-.463
250	512	-.098	.092	.227	-.425
250	513	-.123	.102	.206	-.483
250	514	-.150	.115	.228	-.627
250	515	-.178	.124	.204	-.810
250	516	-.207	.114	.130	-.645
250	517	-.109	.101	.253	-.455
250	518	-.106	.103	.277	-.465
250	519	-.103	.113	.321	-.534
250	520	-.093	.103	.273	-.481
250	521	-.118	.105	.226	-.541
250	522	-.118	.109	.241	-.520
250	523	-.137	.107	.223	-.545
250	524	-.236	.143	.197	-.770
250	525	-.131	.104	.193	-.503

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	526	-.118	.098	.187	-.435
250	527	-.110	.103	.239	-.469
250	528	-.111	.092	.213	-.450
250	529	-.118	.120	.340	-.553
250	530	-.129	.115	.231	-.654
250	531	-.126	.105	.213	-.599
250	532	-.197	.128	.188	-.800
250	533	-.141	.115	.213	-.632
250	534	-.128	.110	.236	-.600
250	535	-.109	.097	.203	-.437
250	536	-.129	.113	.358	-.525
250	537	-.137	.117	.246	-.567
250	538	-.142	.121	.243	-.551
250	539	-.139	.112	.217	-.516
250	540	-.238	.145	.248	-.798
250	541	-.162	.120	.187	-.632
250	542	-.152	.115	.194	-.570
250	543	-.131	.100	.179	-.466
250	544	-.159	.119	.209	-.623
250	545	-.170	.129	.243	-.723
250	546	-.145	.124	.234	-.820
250	547	-.143	.112	.244	-.644
250	548	-.255	.147	.165	-.860
250	549	-.151	.122	.255	-1.024
250	550	-.147	.127	.280	-.769
250	551	-.125	.113	.301	-.563
250	552	-.152	.133	.280	-.675
250	553	-.166	.148	.308	-1.433
250	554	-.161	.144	.286	-.707
250	555	-.155	.128	.273	-.677
250	556	-.277	.166	.199	-1.088
250	557	-.157	.134	.332	-.717
250	558	-.143	.124	.316	-.572
250	559	-.115	.111	.229	-.602
250	560	-.133	.139	.306	-.930
250	561	-.139	.153	.302	-.857
250	562	-.124	.137	.267	-.742
250	563	-.118	.123	.289	-.592
250	564	-.252	.170	.251	-.952
250	565	-.109	.125	.260	-.641
250	566	-.121	.131	.351	-.852
250	567	-.103	.120	.302	-.563
250	568	-.103	.131	.363	-.624
250	569	-.088	.136	.343	-.644
250	570	-.090	.136	.378	-.639
250	571	-.084	.123	.347	-.520
250	572	-.226	.171	.341	-1.014
250	573	-.074	.127	.360	-.535
250	574	-.095	.126	.325	-.638
250	575	-.072	.113	.273	-.615

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	576	-.060	.123	.320	-.630
250	577	-.051	.120	.354	-.750
250	578	-.050	.128	.335	-.767
250	579	-.053	.115	.311	-.584
250	580	-.166	.154	.350	-.779
250	581	-.035	.118	.391	-.552
250	582	-.033	.123	.422	-.453
250	583	-.008	.115	.359	-.372
250	584	-.014	.104	.362	-.337
250	585	-.009	.118	.426	-.414
250	586	-.011	.118	.429	-.434
250	587	-.023	.119	.410	-.432
250	588	-.036	.106	.348	-.398
250	589	-.094	.136	.345	-.617
250	590	-.035	.131	.425	-.573
250	591	-.020	.114	.325	-.494
250	592	-.014	.120	.437	-.586
250	593	-.030	.106	.299	-.455
250	594	-.040	.123	.366	-.524
250	595	-.063	.131	.378	-.582
260	1	-.271	.161	.242	-1.023
260	2	-.271	.150	.282	-.872
260	3	-.411	.157	.185	-1.180
260	4	-.039	.118	.378	-.485
260	5	-.284	.156	.211	-.996
260	6	-.220	.137	.246	-.810
260	7	-.472	.169	.041	-1.361
260	8	-.443	.179	.088	-1.157
260	9	-.091	.130	.454	-.556
260	10	-.154	.117	.309	-.546
260	11	-.163	.151	.493	-.631
260	12	-.148	.122	.298	-.584
260	13	.095	.196	1.088	-.534
260	14	-.227	.120	.180	-.708
260	15	-.014	.123	.477	-.432
260	16	.248	.155	.782	-.239
260	17	-.291	.152	.142	-.935
260	18	-.234	.123	.113	-.807
260	19	-.165	.136	.240	-.913
260	20	-.039	.119	.314	-.700
260	101	-.071	.114	.307	-.493
260	102	-.021	.105	.325	-.389
260	103	.004	.122	.390	-.393
260	104	.087	.119	.461	-.315
260	105	.108	.134	.510	-.360
260	106	.049	.179	.599	-.731
260	107	-.206	.131	.273	-.597
260	108	.059	.127	.430	-.340
260	109	.119	.132	.616	-.303
260	110	.141	.136	.644	-.288

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	111	.171	.197	.866	-.676
260	112	-.039	.124	.370	-.546
260	113	-.366	.178	.229	-1.191
260	114	-.277	.120	.176	-.672
260	115	.053	.137	.583	-.451
260	116	.183	.135	.665	-.307
260	117	.217	.138	.808	-.224
260	118	.182	.161	.766	-.392
260	119	-.323	.173	.310	-.927
260	120	-.403	.151	.016	-.958
260	121	-.200	.116	.221	-.600
260	122	.036	.107	.437	-.335
260	123	.125	.129	.624	-.310
260	124	.247	.130	.762	-.158
260	125	.256	.186	.936	-.492
260	126	-.331	.143	.144	-.813
260	127	-.534	.165	-.036	-1.127
260	128	-.251	.125	.143	-.703
260	129	.064	.124	.484	-.334
260	130	.126	.122	.536	-.250
260	131	.202	.149	.685	-.235
260	132	.259	.179	.771	-.286
260	133	-.312	.178	.391	-.962
260	134	-.540	.159	-.086	-1.066
260	135	-.343	.140	.127	-.828
260	136	.057	.114	.448	-.344
260	137	.161	.127	.597	-.240
260	138	.193	.131	.632	-.188
260	139	.203	.200	.813	-.640
260	140	-.286	.180	.256	-1.001
260	141	-.448	.166	.055	-1.010
260	142	-.332	.125	.112	-.727
260	143	-.007	.126	.443	-.398
260	144	.155	.128	.568	-.242
260	145	.223	.139	.739	-.292
260	146	.190	.170	.758	-.400
260	147	-.309	.207	.286	-1.269
260	148	-.429	.179	.143	-1.123
260	149	-.245	.139	.272	-.784
260	150	.000	.112	.376	-.361
260	151	.090	.132	.522	-.371
260	152	.207	.131	.665	-.249
260	153	.188	.153	.724	-.333
260	154	-.209	.155	.272	-.966
260	155	-.451	.187	.027	-1.257
260	156	-.192	.138	.202	-.708
260	157	.044	.115	.422	-.332
260	158	.137	.101	.486	-.216
260	159	.147	.122	.555	-.264
260	160	.145	.153	.626	-.500

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	161	-.089	.157	.372	-.777
260	162	-.256	.145	.159	-.979
260	163	-.160	.136	.298	-.797
260	164	.056	.118	.470	-.430
260	165	.118	.113	.544	-.335
260	166	.175	.106	.533	-.247
260	167	.142	.148	.602	-.442
260	168	-.047	.127	.362	-.654
260	169	-.203	.142	.233	-.771
260	170	-.068	.111	.335	-.480
260	171	.055	.112	.437	-.394
260	172	.109	.110	.480	-.329
260	173	.133	.114	.609	-.273
260	174	.144	.116	.585	-.278
260	175	.005	.116	.380	-.441
260	176	-.170	.140	.239	-.656
260	177	-.044	.113	.363	-.501
260	178	.128	.091	.495	-.164
260	179	.136	.110	.590	-.220
260	180	.169	.112	.620	-.198
260	181	.151	.123	.580	-.422
260	182	.092	.104	.452	-.284
260	183	-.153	.144	.241	-.729
260	184	-.041	.124	.323	-.541
260	185	.094	.117	.480	-.283
260	186	.180	.111	.551	-.145
260	187	.171	.131	.638	-.222
260	188	.176	.132	.680	-.240
260	201	.205	.141	.664	-.276
260	202	.240	.126	.733	-.120
260	203	.146	.160	.802	-.370
260	204	-.140	.181	.522	-.786
260	205	-.501	.192	.127	-1.306
260	206	-.404	.153	.132	-1.063
260	207	-.301	.163	.294	-.869
260	208	-.178	.139	.287	-.765
260	209	-.119	.119	.286	-.688
260	210	-.060	.102	.329	-.453
260	211	.127	.193	.923	-.495
260	212	.231	.156	.828	-.209
260	213	.291	.164	.806	-.282
260	214	.084	.166	.733	-.446
260	215	-.333	.217	.491	-1.000
260	216	-.595	.226	.071	-1.412
260	217	-.510	.189	.046	-1.270
260	218	-.222	.130	.164	-.702
260	219	-.191	.133	.279	-.753
260	220	-.191	.112	.173	-.665
260	221	-.106	.103	.233	-.574
260	222	-.068	.094	.224	-.493

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	223	.331	.160	.939	-.276
260	224	.365	.168	.943	-.259
260	225	.316	.157	.889	-.246
260	226	.050	.143	.539	-.637
260	227	-.459	.185	.087	-1.195
260	228	-.431	.175	.049	-1.164
260	229	-.231	.155	.261	-1.312
260	230	-.138	.122	.246	-.773
260	231	-.157	.121	.288	-.625
260	232	.395	.154	1.058	-.104
260	233	.483	.162	1.175	-.037
260	234	.415	.151	1.059	-.056
260	235	-.050	.219	.636	-.833
260	236	-.609	.230	.108	-1.396
260	237	-.461	.181	.061	-1.146
260	238	-.186	.140	.262	-.727
260	239	-.141	.123	.255	-.672
260	240	-.139	.116	.201	-.562
260	241	-.135	.115	.197	-.611
260	242	.404	.136	.937	-.010
260	243	.390	.163	1.009	-.093
260	244	.316	.153	.902	-.124
260	245	-.110	.203	.580	-.911
260	246	-.533	.208	.139	-1.355
260	247	-.463	.175	.043	-1.234
260	248	-.269	.166	.174	-.903
260	249	-.161	.131	.246	-.786
260	250	-.149	.116	.224	-.612
260	251	-.146	.107	.230	-.533
260	252	.347	.130	.891	-.014
260	253	.370	.151	.978	-.078
260	254	.281	.156	.918	-.267
260	255	-.164	.218	.586	-1.184
260	256	-.552	.218	.059	-1.400
260	257	-.485	.203	.001	-1.427
260	258	-.306	.195	.285	-1.287
260	259	-.161	.120	.253	-.704
260	260	-.137	.099	.193	-.696
260	261	-.163	.114	.238	-.567
260	262	.320	.148	.864	-.196
260	263	.352	.156	.971	-.089
260	264	.267	.164	.920	-.323
260	265	-.112	.213	.654	-.855
260	266	-.520	.232	.036	-1.458
260	267	-.514	.218	.122	-1.469
260	268	-.243	.133	.165	-.895
260	269	-.204	.122	.177	-.739
260	270	-.171	.113	.182	-.612
260	271	-.150	.117	.226	-.639
260	272	.277	.121	.724	-.047

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	273	.276	.141	.876	-.143
260	274	.209	.144	.780	-.234
260	275	-.118	.196	.582	-.775
260	276	-.455	.188	.018	-1.204
260	277	-.424	.181	.049	-1.161
260	278	-.226	.162	.200	-1.027
260	279	-.143	.124	.288	-.912
260	280	-.161	.111	.208	-.507
260	281	-.212	.134	.201	-.673
260	282	.251	.137	.766	-.195
260	283	.276	.138	.814	-.195
260	284	.179	.131	.583	-.267
260	285	-.191	.204	.460	-.983
260	286	-.494	.216	.110	-1.322
260	287	-.377	.175	.089	-1.137
260	288	-.204	.138	.158	-.980
260	289	-.177	.128	.246	-.842
260	290	-.186	.127	.293	-.644
260	291	-.204	.139	.274	-.797
260	292	.218	.117	.735	-.202
260	293	.203	.136	.803	-.185
260	294	.151	.141	.715	-.286
260	295	-.124	.188	.571	-.848
260	296	-.391	.193	.226	-1.026
260	297	-.365	.184	.253	-1.094
260	298	-.184	.139	.288	-.894
260	299	-.132	.112	.295	-.593
260	300	-.181	.107	.165	-.526
260	301	-.249	.136	.226	-.766
260	302	.162	.131	.726	-.244
260	303	.179	.126	.637	-.223
260	304	.126	.122	.587	-.305
260	305	-.101	.166	.457	-.812
260	306	-.300	.168	.142	-1.144
260	307	-.288	.164	.130	-1.075
260	308	-.156	.121	.192	-.800
260	309	-.151	.116	.196	-.650
260	310	-.194	.124	.203	-.626
260	311	-.237	.138	.179	-.822
260	312	.177	.108	.577	-.127
260	313	.142	.121	.590	-.207
260	314	.076	.120	.495	-.275
260	315	-.086	.148	.408	-.743
260	316	-.183	.132	.220	-.686
260	317	-.187	.141	.243	-.794
260	318	-.086	.120	.286	-.610
260	319	-.074	.104	.311	-.433
260	320	-.144	.108	.230	-.615
260	321	-.198	.138	.391	-.804
260	322	.181	.118	.628	-.240

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	323	.191	.124	.671	-.194
260	324	.092	.118	.572	-.285
260	325	-.201	.153	.277	-.788
260	326	-.150	.135	.302	-.686
260	327	-.072	.118	.325	-.558
260	328	-.143	.107	.178	-.493
260	329	-.196	.137	.275	-.733
260	401	-.142	.124	.229	-.716
260	402	-.117	.116	.235	-.512
260	403	-.100	.105	.247	-.445
260	404	-.126	.123	.267	-.541
260	405	-.109	.125	.254	-.559
260	406	-.125	.107	.270	-.607
260	407	-.141	.098	.155	-.504
260	408	-.136	.110	.297	-.535
260	409	-.101	.103	.228	-.440
260	410	-.086	.107	.322	-.454
260	411	-.090	.097	.267	-.466
260	412	-.140	.113	.248	-.548
260	413	-.109	.111	.280	-.529
260	414	-.116	.118	.246	-.572
260	415	-.117	.106	.213	-.528
260	416	-.124	.118	.236	-.544
260	417	-.148	.120	.209	-.606
260	418	-.126	.107	.234	-.563
260	419	-.119	.095	.183	-.502
260	420	-.123	.107	.218	-.559
260	421	-.131	.110	.224	-.612
260	422	-.154	.122	.283	-.562
260	423	-.142	.108	.259	-.507
260	424	-.132	.119	.324	-.509
260	425	-.136	.117	.310	-.527
260	426	-.145	.110	.220	-.602
260	427	-.161	.098	.158	-.623
260	428	-.142	.110	.203	-.642
260	429	-.137	.106	.216	-.548
260	430	-.141	.108	.225	-.501
260	431	-.164	.102	.170	-.625
260	432	-.184	.121	.252	-.589
260	433	-.156	.116	.246	-.611
260	434	-.157	.130	.296	-.718
260	435	-.167	.117	.244	-.650
260	436	-.188	.139	.197	-.809
260	437	-.225	.139	.280	-.841
260	438	-.190	.137	.263	-.617
260	439	-.181	.123	.221	-.609
260	440	-.181	.141	.261	-.743
260	441	-.193	.148	.282	-.781
260	442	-.255	.144	.170	-.806
260	443	-.215	.130	.158	-.762
260	444	-.194	.137	.195	-.770
260	445	-.184	.135	.227	-.661
260	446	-.166	.133	.247	-.815
260	447	-.238	.124	.132	-.710
260	448	-.192	.134	.249	-.740
260	449	-.158	.128	.255	-.762
260	450	-.127	.122	.357	-.575
260	451	-.119	.116	.274	-.718
260	452	-.202	.125	.201	-.587
260	453	-.143	.121	.288	-.576
260	454	-.106	.116	.284	-.562
260	455	-.091	.103	.279	-.495
260	456	-.055	.121	.388	-.735
260	457	.033	.121	.470	-.326
260	458	-.203	.136	.226	-.754
260	459	-.144	.117	.236	-.576
260	460	-.090	.119	.293	-.544
260	461	-.058	.119	.349	-.517
260	462	-.030	.131	.478	-.468
260	463	.065	.132	.614	-.406
260	501	-.108	.132	.363	-.747
260	502	-.103	.127	.332	-.619
260	503	-.119	.110	.272	-.554
260	504	-.132	.097	.218	-.492
260	505	-.147	.116	.261	-.533
260	506	-.165	.127	.235	-.765
260	507	-.184	.143	.350	-1.134
260	508	-.199	.129	.141	-.840
260	509	-.110	.108	.258	-.500
260	510	-.107	.108	.263	-.511
260	511	-.106	.107	.234	-.519
260	512	-.120	.096	.192	-.483
260	513	-.136	.107	.212	-.556
260	514	-.182	.126	.227	-.718
260	515	-.215	.133	.168	-.806
260	516	-.330	.145	.158	-.905
260	517	-.104	.109	.263	-.463
260	518	-.103	.111	.283	-.474
260	519	-.098	.110	.351	-.492
260	520	-.084	.100	.283	-.448
260	521	-.122	.108	.234	-.490
260	522	-.132	.114	.272	-.798
260	523	-.160	.115	.295	-.621
260	524	-.299	.152	.236	-.837
260	525	-.122	.106	.251	-.473
260	526	-.115	.101	.237	-.450
260	527	-.120	.104	.244	-.484
260	528	-.131	.094	.198	-.455
260	529	-.123	.118	.246	-.579
260	530	-.126	.118	.236	-.703
260	531	-.130	.108	.216	-.596
260	532	-.273	.156	.240	-1.026
260	533	-.135	.117	.286	-.542
260	534	-.111	.107	.298	-.489
260	535	-.094	.093	.213	-.402
260	536	-.111	.108	.263	-.501
260	537	-.120	.112	.248	-.627
260	538	-.125	.120	.246	-.652
260	539	-.135	.109	.184	-.520
260	540	-.323	.156	.114	-.943
260	541	-.140	.121	.213	-.731
260	542	-.121	.110	.285	-.518
260	543	-.106	.100	.256	-.474
260	544	-.128	.119	.289	-.784
260	545	-.136	.131	.313	-.915
260	546	-.135	.132	.315	-.717
260	547	-.146	.118	.253	-.568
260	548	-.346	.177	.157	-1.206
260	549	-.144	.121	.279	-.551
260	550	-.139	.122	.293	-.617
260	551	-.127	.115	.273	-.817
260	552	-.149	.138	.301	-.974
260	553	-.153	.146	.304	-1.178
260	554	-.132	.137	.264	-.640
260	555	-.142	.122	.203	-.543
260	556	-.336	.177	.183	-1.061
260	557	-.135	.135	.331	-.609
260	558	-.135	.130	.300	-.612
260	559	-.115	.128	.246	-.769
260	560	-.129	.153	.315	-.821
260	561	-.131	.155	.324	-.717
260	562	-.119	.149	.277	-.968
260	563	-.128	.134	.219	-.828
260	564	-.343	.193	.170	-1.087
260	565	-.135	.125	.232	-.748
260	566	-.129	.141	.380	-.694
260	567	-.101	.127	.302	-.589
260	568	-.107	.152	.358	-.705
260	569	-.096	.153	.389	-1.137
260	570	-.082	.148	.307	-.687
260	571	-.091	.132	.256	-.620
260	572	-.294	.194	.222	-1.059
260	573	-.105	.130	.394	-.682
260	574	-.106	.122	.434	-.563
260	575	-.057	.111	.296	-.518
260	576	-.059	.125	.349	-.802
260	577	-.050	.125	.386	-.609
260	578	-.057	.137	.355	-.523
260	579	-.062	.124	.306	-.462
260	580	-.215	.160	.276	-.926

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	581	-.049	.124	.372	-.720
260	582	-.032	.107	.319	-.494
260	583	-.006	.120	.455	-.395
260	584	-.059	.115	.347	-.519
260	585	-.009	.126	.419	-.491
260	586	-.021	.123	.400	-.422
260	587	-.028	.115	.394	-.450
260	588	-.090	.107	.278	-.480
260	589	-.116	.131	.305	-.570
260	590	-.043	.121	.324	-.593
260	591	-.032	.112	.387	-.397
260	592	-.024	.127	.390	-.542
260	593	-.080	.115	.267	-.532
260	594	-.047	.124	.359	-.551
260	595	-.096	.141	.335	-.671
270	1	-.297	.151	.164	-.944
270	2	-.352	.146	.113	-1.018
270	3	-.396	.152	.105	-1.005
270	4	-.123	.136	.453	-.605
270	5	-.377	.158	.237	-.989
270	6	-.332	.139	.272	-.785
270	7	-.479	.166	.046	-1.162
270	8	-.422	.166	.072	-1.109
270	9	-.182	.137	.250	-.716
270	10	-.247	.120	.129	-.706
270	11	-.264	.144	.212	-.817
270	12	-.200	.126	.250	-.682
270	13	-.091	.159	.616	-.571
270	14	-.265	.122	.195	-.796
270	15	.036	.132	.469	-.449
270	16	-.325	.153	.826	-.261
270	17	-.320	.161	.186	-.968
270	18	-.343	.141	.075	-.783
270	19	-.214	.131	.179	-.745
270	20	-.095	.112	.266	-.524
270	101	-.108	.125	.390	-.588
270	102	.002	.110	.463	-.347
270	103	.048	.128	.570	-.363
270	104	.138	.124	.636	-.235
270	105	.172	.131	.706	-.262
270	106	.205	.148	.788	-.460
270	107	-.157	.134	.263	-.732
270	108	.114	.125	.621	-.337
270	109	.173	.138	.665	-.270
270	110	.201	.145	.704	-.259
270	111	.296	.193	.963	-.256
270	112	-.063	.135	.426	-.590
270	113	-.294	.172	.247	-.996
270	114	-.212	.118	.123	-.719
270	115	.129	.141	.604	-.362

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	116	.259	.142	.745	-.184
270	117	.322	.156	.879	-.168
270	118	.345	.170	.914	-.192
270	119	-.290	.172	.312	-.907
270	120	-.421	.158	.107	-1.067
270	121	-.143	.124	.280	-.668
270	122	.119	.119	.581	-.276
270	123	.219	.145	.776	-.216
270	124	.338	.148	.887	-.077
270	125	.408	.164	.999	-.270
270	126	-.287	.146	.305	-.838
270	127	-.495	.162	.032	-1.154
270	128	-.191	.124	.263	-.634
270	129	.147	.123	.732	-.285
270	130	.212	.129	.819	-.213
270	131	.287	.157	1.021	-.229
270	132	.381	.167	1.017	-.345
270	133	-.229	.176	.317	-.974
270	134	-.473	.149	.061	-1.040
270	135	-.250	.136	.184	-.791
270	136	.144	.123	.577	-.360
270	137	.240	.134	.677	-.196
270	138	.278	.138	.725	-.144
270	139	.335	.172	.842	-.201
270	140	-.202	.186	.307	-.935
270	141	-.376	.162	.059	-1.135
270	142	-.246	.129	.129	-.805
270	143	.082	.138	.598	-.396
270	144	.233	.138	.824	-.202
270	145	.286	.134	.735	-.161
270	146	.292	.145	.778	-.150
270	147	-.209	.173	.467	-.850
270	148	-.361	.166	.107	-.947
270	149	-.165	.136	.260	-.664
270	150	.071	.106	.476	-.252
270	151	.160	.127	.627	-.242
270	152	.264	.128	.748	-.124
270	153	.294	.148	.911	-.151
270	154	-.166	.143	.258	-.747
270	155	-.402	.177	.102	-1.017
270	156	-.139	.132	.262	-.609
270	157	.115	.122	.635	-.256
270	158	.220	.109	.683	-.101
270	159	.226	.132	.726	-.159
270	160	.255	.141	.847	-.152
270	161	-.052	.140	.449	-.774
270	162	-.187	.133	.271	-.715
270	163	-.101	.127	.366	-.587
270	164	.098	.113	.499	-.256
270	165	.182	.115	.613	-.170

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	166	.252	.104	.652	-.058
270	167	.230	.128	.730	-.138
270	168	-.052	.135	.383	-.669
270	169	-.203	.141	.275	-.736
270	170	-.040	.106	.343	-.416
270	171	.093	.115	.471	-.275
270	172	.151	.118	.557	-.187
270	173	.198	.122	.592	-.244
270	174	.238	.111	.621	-.150
270	175	.004	.120	.430	-.599
270	176	-.186	.148	.246	-.790
270	177	-.039	.122	.465	-.490
270	178	.166	.102	.605	-.171
270	179	.179	.124	.655	-.210
270	180	.206	.125	.697	-.178
270	181	.209	.128	.697	-.221
270	182	.107	.100	.665	-.230
270	183	-.173	.141	.265	-.737
270	184	-.038	.115	.521	-.450
270	185	.139	.118	.536	-.355
270	186	.244	.111	.668	-.165
270	187	.235	.131	.727	-.186
270	188	.220	.129	.746	-.186
270	201	.262	.150	.848	-.203
270	202	.248	.126	.700	-.105
270	203	.061	.153	.555	-.423
270	204	-.280	.160	.237	-.799
270	205	-.414	.173	.098	-1.106
270	206	-.319	.138	.093	-.979
270	207	-.386	.156	.138	-1.050
270	208	-.313	.163	.142	-1.039
270	209	-.227	.160	.256	-.994
270	210	-.129	.125	.303	-.678
270	211	-.135	.165	.558	-.825
270	212	.267	.163	.824	-.329
270	213	.262	.162	.909	-.229
270	214	-.056	.135	.458	-.545
270	215	-.431	.177	.121	-1.263
270	216	-.426	.205	.097	-1.592
270	217	-.412	.190	.065	-1.183
270	218	-.253	.129	.249	-.836
270	219	-.285	.152	.259	-.923
270	220	-.303	.145	.121	-.944
270	221	-.169	.132	.256	-.639
270	222	-.127	.116	.289	-.541
270	223	.362	.171	.967	-.188
270	224	.337	.171	.896	-.251
270	225	.232	.157	.827	-.321
270	226	-.094	.133	.403	-.668
270	227	-.477	.195	.183	-1.277

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	228	-.405	.186	.136	-1.315
270	229	-.340	.193	.182	-1.261
270	230	-.266	.167	.184	-1.091
270	231	-.253	.160	.241	-.923
270	232	.457	.179	1.097	-.091
270	233	.415	.168	1.017	-.107
270	234	.278	.141	.773	-.187
270	235	-.260	.204	.381	-1.044
270	236	-.509	.239	.172	-1.213
270	237	-.435	.203	.269	-1.126
270	238	-.275	.138	.212	-.865
270	239	-.240	.144	.390	-.815
270	240	-.195	.139	.336	-.994
270	241	-.184	.138	.296	-.705
270	242	.449	.136	.878	.019
270	243	.365	.153	.955	-.127
270	244	.223	.142	.735	-.254
270	245	-.255	.198	.391	-.945
270	246	-.389	.233	.227	-1.317
270	247	-.369	.198	.208	-.998
270	248	-.314	.170	.178	-.931
270	249	-.250	.162	.302	-1.102
270	250	-.198	.151	.216	-.986
270	251	-.185	.140	.567	-.856
270	252	.415	.169	.998	-.096
270	253	.372	.180	1.122	-.166
270	254	.204	.169	.891	-.308
270	255	-.261	.193	.447	-1.061
270	256	-.378	.217	.168	-1.593
270	257	-.362	.208	.216	-1.524
270	258	-.315	.186	.264	-1.265
270	259	-.243	.167	.212	-1.023
270	260	-.197	.144	.266	-1.079
270	261	-.183	.145	.264	-.729
270	262	.342	.163	.977	-.142
270	263	.317	.158	.834	-.182
270	264	.158	.165	.712	-.431
270	265	-.309	.197	.286	-1.120
270	266	-.506	.260	.223	-1.495
270	267	-.444	.206	.174	-1.225
270	268	-.318	.152	.140	-.852
270	269	-.258	.149	.190	-.810
270	270	-.194	.141	.254	-.790
270	271	-.195	.160	.324	-.869
270	272	.326	.139	.824	-.050
270	273	.263	.151	.832	-.121
270	274	.102	.151	.649	-.376
270	275	-.317	.209	.282	-1.305
270	276	-.481	.226	.047	-1.562
270	277	-.470	.222	.076	-1.594
270	278	-.345	.190	.149	-1.382
270	279	-.241	.170	.344	-1.286
270	280	-.194	.142	.285	-1.172
270	281	-.206	.155	.291	-.978
270	282	.275	.139	.825	-.270
270	283	.234	.139	.890	-.174
270	284	.097	.136	.607	-.263
270	285	-.322	.189	.322	-1.045
270	286	-.475	.214	.064	-1.337
270	287	-.403	.211	.211	-1.164
270	288	-.304	.164	.224	-1.001
270	289	-.259	.162	.381	-1.048
270	290	-.198	.148	.235	-1.176
270	291	-.193	.148	.288	-.924
270	292	.251	.132	.739	-.311
270	293	.193	.142	.717	-.308
270	294	.062	.140	.606	-.513
270	295	-.288	.183	.299	-1.083
270	296	-.439	.177	.003	-1.237
270	297	-.427	.177	.035	-1.195
270	298	-.288	.160	.223	-1.000
270	299	-.236	.161	.268	-1.017
270	300	-.202	.141	.212	-.845
270	301	-.219	.153	.281	-.855
270	302	.192	.140	.615	-.296
270	303	.159	.128	.640	-.243
270	304	.038	.116	.462	-.333
270	305	-.314	.171	.291	-1.070
270	306	-.412	.197	.208	-1.236
270	307	-.312	.176	.195	-1.088
270	308	-.249	.153	.183	-1.104
270	309	-.225	.152	.241	-.846
270	310	-.189	.140	.226	-.707
270	311	-.173	.139	.218	-.952
270	312	.168	.110	.561	-.208
270	313	.129	.121	.644	-.291
270	314	.037	.124	.589	-.413
270	315	-.218	.157	.297	-.863
270	316	-.302	.151	.156	-.915
270	317	-.298	.160	.213	-.978
270	318	-.183	.143	.286	-.832
270	319	-.136	.118	.256	-.519
270	320	-.148	.112	.224	-.504
270	321	-.177	.136	.280	-.693
270	322	.167	.125	.644	-.255
270	323	.171	.118	.649	-.207
270	324	.017	.107	.422	-.357
270	325	-.302	.159	.213	-.991
270	326	-.242	.144	.210	-.872
270	327	-.147	.127	.353	-.647
270	328	-.138	.109	.208	-.504
270	329	-.177	.136	.266	-.665
270	401	-.198	.142	.251	-.978
270	402	-.141	.126	.279	-.561
270	403	-.122	.108	.242	-.529
270	404	-.146	.125	.260	-.692
270	405	-.127	.120	.246	-.834
270	406	-.186	.129	.251	-.715
270	407	-.179	.116	.181	-.575
270	408	-.171	.126	.230	-.655
270	409	-.127	.113	.233	-.529
270	410	-.120	.113	.267	-.595
270	411	-.124	.102	.191	-.650
270	412	-.200	.139	.305	-.779
270	413	-.158	.130	.323	-.665
270	414	-.141	.114	.264	-.616
270	415	-.148	.100	.211	-.541
270	416	-.143	.111	.264	-.533
270	417	-.180	.129	.246	-.657
270	418	-.149	.126	.304	-.707
270	419	-.151	.108	.194	-.527
270	420	-.134	.115	.209	-.542
270	421	-.142	.118	.234	-.573
270	422	-.187	.140	.290	-.874
270	423	-.184	.117	.248	-.660
270	424	-.149	.121	.286	-.679
270	425	-.148	.113	.270	-.627
270	426	-.174	.126	.182	-.835
270	427	-.215	.132	.210	-.796
270	428	-.174	.143	.252	-.868
270	429	-.166	.132	.207	-.707
270	430	-.174	.131	.244	-.980
270	431	-.209	.121	.138	-.762
270	432	-.200	.140	.200	-.827
270	433	-.174	.134	.285	-.952
270	434	-.152	.135	.289	-.772
270	435	-.171	.117	.214	-.697
270	436	-.176	.134	.276	-.708
270	437	-.183	.144	.307	-.822
270	438	-.168	.140	.268	-.756
270	439	-.174	.121	.214	-.681
270	440	-.160	.134	.243	-.634
270	441	-.188	.153	.281	-.881
270	442	-.211	.144	.319	-.753
270	443	-.200	.129	.233	-.722
270	444	-.174	.135	.292	-.714
270	445	-.177	.132	.273	-.714
270	446	-.208	.161	.250	-1.135
270	447	-.238	.133	.157	-.893
270	448	-.195	.150	.201	-1.132

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	449	-.185	.141	.203	-.867
270	450	-.165	.127	.250	-.772
270	451	-.202	.130	.189	-.939
270	452	-.179	.137	.273	-.784
270	453	-.158	.129	.259	-.764
270	454	-.142	.129	.313	-.638
270	455	-.152	.119	.254	-.589
270	456	-.133	.150	.321	-.947
270	457	-.074	.143	.507	-.677
270	458	-.199	.137	.247	-.743
270	459	-.179	.119	.200	-.703
270	460	-.141	.123	.231	-.655
270	461	-.136	.126	.240	-.654
270	462	-.135	.149	.393	-1.218
270	463	-.081	.132	.475	-.646
270	501	-.135	.124	.303	-.634
270	502	-.140	.122	.332	-.800
270	503	-.142	.121	.350	-.644
270	504	-.157	.112	.293	-.624
270	505	-.160	.135	.333	-.733
270	506	-.197	.149	.263	-.925
270	507	-.251	.160	.214	-1.258
270	508	-.366	.178	.117	-1.038
270	509	-.133	.111	.180	-.578
270	510	-.126	.110	.207	-.509
270	511	-.114	.106	.226	-.552
270	512	-.135	.096	.205	-.547
270	513	-.142	.108	.194	-.596
270	514	-.182	.128	.220	-.819
270	515	-.236	.143	.226	-.905
270	516	-.485	.175	.020	-1.172
270	517	-.124	.110	.236	-.524
270	518	-.115	.112	.245	-.529
270	519	-.110	.107	.278	-.516
270	520	-.098	.098	.234	-.463
270	521	-.122	.107	.261	-.506
270	522	-.133	.113	.265	-.562
270	523	-.190	.121	.271	-.600
270	524	-.386	.160	.204	-1.064
270	525	-.137	.108	.282	-.519
270	526	-.124	.103	.245	-.485
270	527	-.116	.103	.271	-.468
270	528	-.133	.093	.225	-.462
270	529	-.127	.119	.257	-.570
270	530	-.112	.112	.299	-.579
270	531	-.135	.104	.200	-.553
270	532	-.359	.166	.163	-1.023
270	533	-.132	.115	.258	-.600
270	534	-.128	.112	.230	-.587
270	535	-.116	.103	.217	-.577
270	536	-.127	.117	.287	-.630
270	537	-.129	.119	.261	-.794
270	538	-.123	.112	.215	-.572
270	539	-.149	.104	.178	-.562
270	540	-.402	.167	.124	-1.120
270	541	-.150	.120	.216	-.644
270	542	-.133	.121	.243	-.666
270	543	-.121	.108	.250	-.644
270	544	-.130	.122	.268	-.660
270	545	-.131	.125	.274	-.662
270	546	-.127	.117	.262	-.558
270	547	-.155	.109	.209	-.553
270	548	-.414	.171	.097	-1.114
270	549	-.147	.121	.288	-.687
270	550	-.119	.112	.253	-.542
270	551	-.105	.101	.271	-.522
270	552	-.113	.113	.277	-.539
270	553	-.113	.114	.296	-.615
270	554	-.130	.142	.320	-1.124
270	555	-.154	.130	.256	-.837
270	556	-.422	.196	.115	-1.289
270	557	-.145	.126	.273	-.659
270	558	-.122	.129	.349	-.772
270	559	-.105	.134	.310	-.913
270	560	-.114	.150	.375	-1.065
270	561	-.112	.144	.312	-.898
270	562	-.101	.143	.292	-.671
270	563	-.124	.131	.247	-.584
270	564	-.388	.202	.170	-1.073
270	565	-.148	.142	.496	-.829
270	566	-.113	.135	.286	-.690
270	567	-.097	.138	.254	-1.171
270	568	-.099	.145	.413	-1.121
270	569	-.092	.136	.302	-.951
270	570	-.083	.132	.400	-.608
270	571	-.103	.120	.315	-.540
270	572	-.350	.193	.194	-1.093
270	573	-.135	.140	.343	-.732
270	574	-.105	.121	.375	-.705
270	575	-.092	.117	.260	-.793
270	576	-.092	.123	.314	-.725
270	577	-.083	.119	.315	-.727
270	578	-.091	.140	.304	-.901
270	579	-.109	.129	.261	-.770
270	580	-.322	.180	.171	-1.260
270	581	-.102	.150	.321	-.753
270	582	-.064	.125	.387	-.513
270	583	-.039	.131	.465	-.488
270	584	-.138	.145	.344	-.905
270	585	-.075	.144	.464	-.738
270	586	-.076	.138	.360	-.725
270	587	-.067	.127	.347	-.573
270	588	-.139	.118	.271	-.535
270	589	-.186	.147	.286	-.697
270	590	-.079	.134	.341	-.555
270	591	-.074	.125	.293	-.587
270	592	-.083	.141	.452	-.637
270	593	-.135	.125	.257	-.594
270	594	-.081	.130	.330	-.633
270	595	-.154	.148	.311	-.762
280	1	-.305	.152	.205	-.919
280	2	-.384	.141	.103	-1.064
280	3	-.390	.148	.114	-.920
280	4	-.181	.142	.270	-.700
280	5	-.310	.148	.151	-.910
280	6	-.310	.138	.191	-.818
280	7	-.390	.155	.085	-1.001
280	8	-.338	.157	.102	-1.001
280	9	-.221	.144	.243	-.880
280	10	-.291	.129	.134	-.831
280	11	-.303	.150	.198	-.853
280	12	-.224	.134	.217	-.714
280	13	-.295	.152	.496	-.750
280	14	-.332	.131	.181	-.928
280	15	.103	.144	.698	-.394
280	16	.388	.177	1.053	-.219
280	17	-.244	.143	.192	-.941
280	18	-.270	.120	.092	-.655
280	19	-.293	.162	.207	-.914
280	20	-.177	.137	.217	-.671
280	101	-.155	.126	.284	-.558
280	102	.031	.117	.459	-.353
280	103	.099	.140	.628	-.339
280	104	.189	.140	.707	-.261
280	105	.239	.147	.710	-.208
280	106	.282	.156	.824	-.170
280	107	-.096	.144	.407	-.661
280	108	.178	.140	.692	-.288
280	109	.240	.145	.770	-.226
280	110	.258	.153	.811	-.186
280	111	.345	.208	1.171	-.325
280	112	-.087	.139	.343	-.524
280	113	-.226	.177	.487	-.903
280	114	-.131	.129	.376	-.587
280	115	.180	.149	.707	-.342
280	116	.302	.148	.836	-.174
280	117	.385	.156	1.013	-.056
280	118	.403	.161	1.091	-.054
280	119	-.231	.178	.398	-.860
280	120	-.363	.158	.140	-1.050

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	121	-.054	.128	.392	-.426
280	122	.197	.131	.685	-.264
280	123	.275	.159	.817	-.255
280	124	.377	.162	.955	-.107
280	125	.442	.169	1.180	-.155
280	126	-.224	.155	.296	-.787
280	127	-.414	.183	.168	-1.120
280	128	-.111	.137	.306	-.613
280	129	.224	.130	.670	-.201
280	130	.283	.127	.661	-.173
280	131	.350	.152	.777	-.166
280	132	.423	.156	.956	-.115
280	133	-.162	.177	.489	-.861
280	134	-.423	.156	.100	-.988
280	135	-.179	.139	.275	-.645
280	136	.221	.136	.692	-.171
280	137	.314	.134	.747	-.137
280	138	.343	.134	.752	-.125
280	139	.379	.167	.920	-.196
280	140	-.130	.175	.446	-.966
280	141	-.337	.166	.201	-.961
280	142	-.190	.131	.378	-.584
280	143	.147	.138	.685	-.272
280	144	.296	.137	.802	-.110
280	145	.361	.153	.907	-.102
280	146	.351	.158	.962	-.094
280	147	-.161	.169	.455	-.766
280	148	-.326	.167	.231	-.963
280	149	-.099	.130	.293	-.601
280	150	.150	.123	.604	-.225
280	151	.237	.145	.729	-.201
280	152	.334	.141	.948	-.049
280	153	.339	.154	.849	-.217
280	154	-.146	.149	.317	-.815
280	155	-.372	.190	.133	-1.104
280	156	-.094	.140	.413	-.630
280	157	.159	.121	.756	-.256
280	158	.260	.110	.785	-.108
280	159	.260	.136	.861	-.173
280	160	.269	.145	.798	-.143
280	161	-.030	.143	.520	-.654
280	162	-.136	.135	.303	-.638
280	163	-.045	.134	.457	-.554
280	164	.148	.123	.617	-.329
280	165	.211	.116	.608	-.183
280	166	.279	.105	.628	-.054
280	167	.246	.133	.794	-.227
280	168	-.053	.132	.323	-.655
280	169	-.151	.147	.276	-.702
280	170	.006	.112	.346	-.398

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	171	.125	.118	.625	-.276
280	172	.168	.118	.704	-.210
280	173	.205	.129	.735	-.232
280	174	.228	.119	.756	-.157
280	175	.007	.118	.549	-.409
280	176	-.141	.132	.295	-.713
280	177	-.014	.123	.346	-.577
280	178	.189	.103	.634	-.205
280	179	.203	.127	.758	-.253
280	180	.217	.127	.722	-.243
280	181	.186	.121	.610	-.221
280	182	.116	.105	.489	-.243
280	183	-.120	.144	.395	-.654
280	184	.010	.122	.476	-.409
280	185	.155	.121	.651	-.297
280	186	.256	.115	.690	-.158
280	187	.243	.134	.685	-.244
280	188	.212	.132	.683	-.248
280	201	.235	.155	.717	-.302
280	202	.200	.125	.625	-.217
280	203	-.040	.144	.469	-.551
280	204	-.350	.157	.206	-.969
280	205	-.322	.174	.158	-.972
280	206	-.258	.140	.142	-.773
280	207	-.310	.155	.157	-.890
280	208	-.223	.142	.220	-.834
280	209	-.190	.141	.316	-.832
280	210	-.143	.115	.269	-.637
280	211	-.189	.141	.513	-.711
280	212	.267	.177	1.080	-.298
280	213	.195	.154	.741	-.316
280	214	-.120	.131	.296	-.550
280	215	-.413	.197	.118	-1.536
280	216	-.379	.199	.123	-1.454
280	217	-.325	.162	.179	-.940
280	218	-.171	.115	.214	-.616
280	219	-.205	.133	.196	-.766
280	220	-.247	.124	.170	-.727
280	221	-.199	.130	.207	-.785
280	222	-.152	.110	.186	-.622
280	223	.368	.178	1.001	-.177
280	224	.305	.167	.942	-.240
280	225	.175	.152	.715	-.353
280	226	-.124	.113	.255	-.476
280	227	-.228	.147	.206	-.997
280	228	-.220	.140	.210	-.774
280	229	-.212	.141	.177	-.823
280	230	-.155	.115	.193	-.640
280	231	-.213	.134	.210	-.730
280	232	.417	.176	1.031	-.165

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	233	.360	.152	.872	-.212
280	234	.199	.128	.656	-.275
280	235	-.264	.168	.225	-1.068
280	236	-.240	.168	.151	-1.398
280	237	-.238	.167	.300	-1.113
280	238	-.168	.123	.258	-.654
280	239	-.209	.135	.299	-.793
280	240	-.205	.134	.248	-.767
280	241	-.185	.129	.210	-.796
280	242	.455	.155	.977	.038
280	243	.363	.164	1.047	-.143
280	244	.180	.142	.711	-.245
280	245	-.255	.151	.286	-.954
280	246	-.211	.146	.257	-1.041
280	247	-.205	.154	.393	-1.076
280	248	-.187	.140	.267	-1.040
280	249	-.204	.151	.250	-.916
280	250	-.213	.149	.217	-.906
280	251	-.193	.122	.237	-.751
280	252	.370	.156	.865	-.053
280	253	.306	.156	.864	-.080
280	254	.115	.149	.702	-.359
280	255	-.257	.154	.235	-.926
280	256	-.189	.135	.216	-.936
280	257	-.209	.149	.234	-.983
280	258	-.216	.150	.220	-.958
280	259	-.203	.150	.208	-1.165
280	260	-.179	.128	.232	-.727
280	261	-.192	.134	.219	-.807
280	262	.302	.153	.860	-.158
280	263	.299	.171	1.035	-.165
280	264	.115	.163	.720	-.384
280	265	-.281	.153	.183	-.969
280	266	-.253	.173	.279	-1.141
280	267	-.235	.161	.228	-.832
280	268	-.213	.138	.185	-.701
280	269	-.226	.146	.224	-.773
280	270	-.208	.144	.259	-.834
280	271	-.193	.141	.231	-.771
280	272	.292	.151	.987	-.217
280	273	.226	.152	.938	-.278
280	274	.060	.146	.559	-.491
280	275	-.295	.189	.276	-1.087
280	276	-.270	.189	.163	-.981
280	277	-.300	.204	.193	-1.045
280	278	-.273	.192	.217	-1.219
280	279	-.230	.156	.247	-1.003
280	280	-.218	.138	.254	-.878
280	281	-.237	.144	.256	-.852
280	282	.230	.162	.784	-.294

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	283	.201	.148	.921	-.262
280	284	.043	.133	.595	-.416
280	285	-.296	.164	.213	-.941
280	286	-.250	.167	.218	-1.236
280	287	-.245	.166	.245	-1.029
280	288	-.234	.146	.247	-.971
280	289	-.252	.160	.284	-.995
280	290	-.234	.160	.264	-1.087
280	291	-.229	.156	.290	-.754
280	292	.215	.145	.833	-.389
280	293	.159	.145	.800	-.370
280	294	.018	.143	.549	-.500
280	295	-.308	.162	.130	-.960
280	296	-.292	.162	.123	-.944
280	297	-.320	.176	.165	-1.155
280	298	-.277	.157	.227	-.946
280	299	-.238	.148	.264	-.849
280	300	-.233	.135	.219	-.852
280	301	-.255	.150	.268	-.849
280	302	.140	.143	.578	-.372
280	303	.152	.127	.544	-.300
280	304	.018	.116	.432	-.345
280	305	-.317	.163	.216	-1.104
280	306	-.303	.173	.147	-1.169
280	307	-.283	.169	.172	-.979
280	308	-.262	.145	.160	-.880
280	309	-.274	.155	.257	-.975
280	310	-.247	.150	.239	-.889
280	311	-.214	.152	.345	-.874
280	312	.144	.130	.627	-.348
280	313	.112	.130	.654	-.338
280	314	-.000	.129	.485	-.461
280	315	-.252	.166	.307	-1.129
280	316	-.277	.160	.151	-.962
280	317	-.287	.170	.222	-1.119
280	318	-.233	.153	.241	-1.180
280	319	-.194	.130	.245	-.756
280	320	-.190	.126	.235	-.630
280	321	-.218	.155	.384	-.880
280	322	.172	.132	.649	-.264
280	323	.171	.127	.610	-.309
280	324	-.004	.117	.410	-.411
280	325	-.238	.186	.327	-.998
280	326	-.249	.173	.329	-.899
280	327	-.200	.141	.197	-.724
280	328	-.175	.126	.190	-.670
280	329	-.209	.154	.212	-1.020
280	401	-.198	.140	.306	-.767
280	402	-.162	.132	.299	-.725
280	403	-.143	.115	.308	-.654
280	404	-.168	.127	.290	-.733
280	405	-.161	.125	.300	-.702
280	406	-.175	.124	.237	-.676
280	407	-.150	.108	.214	-.535
280	408	-.181	.122	.204	-.624
280	409	-.153	.117	.245	-.549
280	410	-.154	.122	.257	-.610
280	411	-.158	.111	.206	-.567
280	412	-.190	.135	.201	-.727
280	413	-.182	.129	.279	-.646
280	414	-.160	.123	.244	-.628
280	415	-.174	.112	.216	-.525
280	416	-.159	.125	.267	-.556
280	417	-.180	.135	.276	-.833
280	418	-.201	.122	.186	-.649
280	419	-.200	.108	.145	-.697
280	420	-.176	.118	.180	-.746
280	421	-.184	.120	.193	-.787
280	422	-.200	.130	.236	-.658
280	423	-.216	.111	.150	-.574
280	424	-.183	.115	.185	-.548
280	425	-.180	.112	.157	-.583
280	426	-.191	.123	.212	-.634
280	427	-.222	.123	.154	-.719
280	428	-.204	.133	.196	-.721
280	429	-.194	.123	.163	-.629
280	430	-.188	.125	.200	-.746
280	431	-.211	.121	.168	-.763
280	432	-.219	.146	.212	-.720
280	433	-.223	.144	.209	-.806
280	434	-.203	.127	.200	-.696
280	435	-.213	.109	.200	-.591
280	436	-.201	.129	.212	-.921
280	437	-.236	.137	.224	-.748
280	438	-.246	.156	.273	-1.272
280	439	-.245	.136	.240	-.757
280	440	-.217	.146	.378	-.896
280	441	-.226	.166	.246	-1.022
280	442	-.239	.156	.177	-.860
280	443	-.252	.140	.145	-.817
280	444	-.220	.147	.206	-.913
280	445	-.206	.145	.387	-.932
280	446	-.208	.162	.220	-1.133
280	447	-.234	.139	.124	-.956
280	448	-.208	.150	.267	-1.261
280	449	-.203	.142	.193	-1.008
280	450	-.210	.143	.253	-1.289
280	451	-.221	.141	.233	-1.007
280	452	-.203	.137	.212	-.834
280	453	-.197	.138	.324	-.911
280	454	-.202	.132	.262	-.728
280	455	-.224	.127	.186	-.853
280	456	-.191	.156	.416	-1.305
280	457	-.157	.133	.309	-.683
280	458	-.198	.141	.218	-.751
280	459	-.197	.122	.205	-.740
280	460	-.170	.130	.255	-1.121
280	461	-.177	.141	.239	-.906
280	462	-.160	.149	.306	-1.277
280	463	-.146	.120	.309	-.684
280	501	-.172	.125	.270	-.861
280	502	-.176	.121	.247	-.594
280	503	-.172	.138	.268	-.582
280	504	-.187	.128	.180	-.590
280	505	-.193	.150	.297	-.934
280	506	-.253	.163	.228	-.875
280	507	-.275	.151	.209	-.808
280	508	-.534	.181	-.029	-1.221
280	509	-.163	.112	.173	-.554
280	510	-.153	.111	.179	-.586
280	511	-.153	.108	.212	-.507
280	512	-.171	.099	.153	-.493
280	513	-.166	.105	.191	-.495
280	514	-.187	.117	.216	-.637
280	515	-.249	.137	.270	-.945
280	516	-.650	.211	-.051	-1.422
280	517	-.163	.108	.224	-.521
280	518	-.151	.112	.239	-.548
280	519	-.140	.115	.270	-.525
280	520	-.117	.104	.283	-.461
280	521	-.145	.113	.253	-.580
280	522	-.159	.116	.222	-.684
280	523	-.239	.125	.186	-.622
280	524	-.470	.180	.157	-1.198
280	525	-.175	.116	.200	-.668
280	526	-.163	.112	.190	-.610
280	527	-.144	.109	.244	-.492
280	528	-.161	.099	.206	-.495
280	529	-.155	.120	.384	-.638
280	530	-.151	.118	.263	-.506
280	531	-.182	.112	.208	-.502
280	532	-.491	.191	.133	-1.331
280	533	-.170	.118	.269	-.549
280	534	-.153	.118	.193	-.646
280	535	-.130	.107	.183	-.627
280	536	-.145	.120	.215	-.770
280	537	-.147	.119	.223	-.699
280	538	-.161	.117	.322	-.565
280	539	-.197	.110	.245	-.553
280	540	-.557	.197	.132	-1.278

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	541	-.189	.127	.281	-.655
280	542	-.156	.115	.213	-.572
280	543	-.131	.104	.191	-.618
280	544	-.146	.117	.215	-.571
280	545	-.145	.119	.222	-.702
280	546	-.160	.121	.218	-.715
280	547	-.193	.113	.145	-.638
280	548	-.522	.193	-.031	-1.360
280	549	-.189	.131	.246	-.722
280	550	-.165	.129	.274	-.693
280	551	-.138	.118	.223	-.574
280	552	-.150	.130	.283	-.748
280	553	-.147	.131	.298	-.734
280	554	-.160	.119	.215	-.706
280	555	-.190	.112	.162	-.758
280	556	-.516	.200	.049	-1.565
280	557	-.188	.136	.246	-.801
280	558	-.178	.135	.315	-1.016
280	559	-.148	.116	.170	-.637
280	560	-.158	.124	.231	-.627
280	561	-.153	.124	.246	-.634
280	562	-.154	.132	.271	-.829
280	563	-.179	.122	.214	-.694
280	564	-.480	.213	.113	-1.433
280	565	-.179	.138	.345	-.745
280	566	-.162	.136	.289	-.810
280	567	-.144	.125	.281	-.724
280	568	-.147	.133	.351	-.799
280	569	-.139	.131	.342	-.714
280	570	-.142	.135	.344	-.622
280	571	-.158	.123	.302	-.644
280	572	-.425	.201	.283	-1.305
280	573	-.169	.142	.573	-.748
280	574	-.149	.140	.332	-.799
280	575	-.157	.150	.255	-.844
280	576	-.153	.150	.279	-.922
280	577	-.141	.144	.298	-.762
280	578	-.152	.141	.312	-.754
280	579	-.163	.129	.289	-.726
280	580	-.362	.178	.233	-1.029
280	581	-.211	.162	.375	-.853
280	582	-.090	.130	.360	-.516
280	583	-.155	.147	.448	-.782
280	584	-.278	.159	.139	-1.070
280	585	-.180	.152	.276	-.895
280	586	-.162	.144	.278	-.796
280	587	-.161	.148	.320	-.781
280	588	-.229	.129	.208	-.791
280	589	-.271	.160	.235	-1.060
280	590	-.188	.168	.560	-.862

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	591	-.095	.137	.410	-.656
280	592	-.183	.155	.264	-1.160
280	593	-.244	.146	.257	-.917
280	594	-.133	.129	.328	-.632
280	595	-.226	.153	.305	-.791
290	1	-.271	.134	.185	-.937
290	2	-.350	.132	.105	-.840
290	3	-.346	.140	.138	-.835
290	4	-.229	.135	.292	-.715
290	5	-.304	.154	.138	-.961
290	6	-.320	.130	.122	-.861
290	7	-.373	.161	.123	-1.035
290	8	-.320	.168	.142	-1.240
290	9	-.271	.139	.160	-.842
290	10	-.336	.124	.051	-.790
290	11	-.352	.144	.071	-.857
290	12	-.256	.129	.151	-.704
290	13	-.263	.137	.157	-.787
290	14	-.334	.124	.048	-.753
290	15	.178	.156	.681	-.390
290	16	.366	.181	1.003	-.332
290	17	-.219	.128	.154	-.653
290	18	-.276	.118	.066	-.675
290	19	-.303	.157	.131	-1.015
290	20	-.206	.142	.211	-.838
290	101	-.074	.121	.395	-.450
290	102	.098	.121	.557	-.282
290	103	.151	.145	.760	-.295
290	104	.229	.141	.797	-.197
290	105	.278	.152	.818	-.246
290	106	.278	.157	.857	-.189
290	107	.027	.161	.656	-.493
290	108	.245	.153	.725	-.218
290	109	.287	.145	.809	-.139
290	110	.280	.147	.712	-.153
290	111	.273	.218	.951	-.576
290	112	-.017	.146	.572	-.524
290	113	-.079	.169	.614	-.701
290	114	.013	.134	.527	-.471
290	115	.261	.165	.967	-.241
290	116	.361	.160	1.020	-.119
290	117	.398	.170	1.044	-.174
290	118	.356	.173	.983	-.179
290	119	-.098	.166	.420	-.735
290	120	-.165	.166	.419	-.725
290	121	.064	.135	.596	-.407
290	122	.288	.136	.822	-.089
290	123	.362	.162	.967	-.152
290	124	.441	.161	1.006	-.090
290	125	.405	.168	1.080	-.081

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	126	-.098	.157	.358	-.701
290	127	-.235	.176	.300	-.902
290	128	.038	.151	.500	-.499
290	129	.309	.141	.828	-.133
290	130	.354	.143	.823	-.086
290	131	.400	.169	1.040	-.104
290	132	.405	.168	1.009	-.130
290	133	-.017	.164	.541	-.590
290	134	-.233	.157	.251	-.733
290	135	-.024	.151	.482	-.498
290	136	.300	.140	.817	-.119
290	137	.377	.158	1.067	-.141
290	138	.376	.154	1.010	-.131
290	139	.329	.175	1.086	-.226
290	140	-.018	.153	.626	-.751
290	141	-.191	.177	.349	-.829
290	142	-.053	.145	.419	-.555
290	143	.236	.162	.794	-.206
290	144	.359	.161	.879	-.108
290	145	.394	.157	.943	-.099
290	146	.302	.152	.835	-.353
290	147	-.075	.162	.417	-.687
290	148	-.178	.155	.328	-.737
290	149	.006	.148	.473	-.498
290	150	.207	.143	.699	-.268
290	151	.275	.167	.875	-.304
290	152	.348	.162	.921	-.231
290	153	.288	.166	1.073	-.175
290	154	-.080	.139	.435	-.558
290	155	-.241	.173	.371	-.984
290	156	.002	.140	.517	-.479
290	157	.214	.120	.658	-.166
290	158	.275	.113	.649	-.075
290	159	.296	.130	.712	-.106
290	160	.242	.141	.746	-.185
290	161	-.004	.135	.469	-.559
290	162	-.111	.132	.369	-.642
290	163	.023	.130	.493	-.509
290	164	.185	.130	.682	-.224
290	165	.222	.136	.701	-.215
290	166	.248	.129	.701	-.132
290	167	.207	.150	.677	-.268
290	168	-.036	.130	.495	-.658
290	169	-.108	.139	.388	-.713
290	170	.016	.112	.409	-.425
290	171	.171	.118	.622	-.248
290	172	.208	.120	.649	-.210
290	173	.218	.124	.704	-.175
290	174	.174	.122	.708	-.191
290	175	.017	.111	.380	-.360

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	176	-.093	.131	.351	-.599
290	177	.036	.112	.387	-.378
290	178	.185	.099	.545	-.132
290	179	.219	.115	.651	-.169
290	180	.220	.116	.655	-.173
290	181	.158	.121	.603	-.239
290	182	.095	.109	.461	-.325
290	183	-.061	.134	.366	-.665
290	184	.063	.121	.446	-.368
290	185	.187	.127	.704	-.231
290	186	.246	.124	.717	-.114
290	187	.245	.135	.773	-.138
290	188	.178	.134	.652	-.173
290	201	.138	.164	.756	-.466
290	202	.097	.123	.571	-.315
290	203	-.106	.128	.327	-.544
290	204	-.296	.131	.100	-.724
290	205	-.248	.126	.314	-.740
290	206	-.250	.114	.256	-.655
290	207	-.256	.129	.298	-.745
290	208	-.230	.131	.344	-.769
290	209	-.199	.133	.264	-.819
290	210	-.199	.113	.195	-.683
290	211	-.204	.131	.237	-.673
290	212	.148	.177	.888	-.413
290	213	-.148	.159	.766	-.492
290	214	-.210	.123	.200	-.731
290	215	-.340	.156	.159	-1.041
290	216	-.299	.152	.147	-.989
290	217	-.249	.133	.197	-.860
290	218	-.206	.108	.145	-.603
290	219	-.198	.120	.186	-.644
290	220	-.259	.114	.146	-.739
290	221	-.208	.121	.140	-.749
290	222	-.210	.108	.103	-.704
290	223	.278	.192	.889	-.539
290	224	.223	.166	.723	-.467
290	225	.057	.146	.572	-.393
290	226	-.233	.114	.143	-.624
290	227	-.196	.126	.213	-.704
290	228	-.200	.125	.240	-.603
290	229	-.191	.121	.161	-.644
290	230	-.194	.105	.140	-.737
290	231	.197	.120	.197	-.649
290	232	.284	.173	.911	-.396
290	233	.271	.155	.838	-.212
290	234	.054	.122	.430	-.448
290	235	-.257	.130	.148	-.745
290	236	-.196	.124	.200	-.739
290	237	-.196	.120	.188	-.714
290	238	-.196	.105	.139	-.634
290	239	-.192	.117	.180	-.735
290	240	-.209	.120	.158	-.673
290	241	-.195	.116	.184	-.780
290	242	.251	.170	.787	-.395
290	243	.243	.153	.831	-.282
290	244	.092	.123	.588	-.279
290	245	-.287	.146	.342	-.897
290	246	-.202	.133	.361	-.726
290	247	-.207	.128	.229	-.685
290	248	-.137	.110	.252	-.622
290	249	-.235	.132	.235	-.818
290	250	-.227	.134	.214	-.827
290	251	-.210	.117	.167	-.662
290	252	.258	.162	.761	-.239
290	253	.188	.148	.729	-.224
290	254	-.005	.135	.530	-.425
290	255	-.280	.150	.204	-.903
290	256	-.143	.118	.228	-.630
290	257	-.237	.142	.240	-.851
290	258	-.220	.140	.220	-.861
290	259	-.222	.139	.178	-.932
290	260	-.162	.127	.170	-1.153
290	261	-.249	.142	.145	-.922
290	262	.191	.202	.836	-.507
290	263	.173	.147	.754	-.360
290	264	-.013	.141	.540	-.582
290	265	-.273	.159	.137	-1.088
290	266	-.214	.135	.225	-.981
290	267	-.212	.151	.326	-1.078
290	268	-.199	.125	.239	-.715
290	269	-.225	.138	.221	-.759
290	270	-.228	.142	.222	-1.014
290	271	-.203	.127	.194	-.678
290	272	.148	.143	.643	-.358
290	273	.132	.126	.632	-.342
290	274	-.035	.127	.524	-.480
290	275	-.248	.146	.179	-.833
290	276	-.196	.122	.181	-.678
290	277	-.218	.139	.195	-.785
290	278	-.208	.137	.197	-.795
290	279	-.216	.141	.218	-.970
290	280	-.232	.134	.227	-.909
290	281	-.248	.146	.259	-.915
290	282	.137	.168	.757	-.433
290	283	.134	.133	.655	-.255
290	284	-.033	.122	.547	-.418
290	285	-.292	.151	.235	-.915
290	286	-.226	.140	.258	-.831
290	287	-.217	.148	.283	-1.129
290	288	-.218	.132	.190	-.843
290	289	-.245	.148	.182	-.917
290	290	-.248	.153	.166	-1.088
290	291	-.239	.146	.223	-.886
290	292	.105	.145	.610	-.491
290	293	.089	.127	.554	-.459
290	294	-.055	.128	.391	-.607
290	295	-.299	.159	.178	-.888
290	296	-.250	.141	.142	-.929
290	297	-.271	.162	.169	-1.089
290	298	-.255	.158	.170	-.858
290	299	-.224	.144	.194	-1.060
290	300	-.243	.139	.156	-.879
290	301	-.256	.149	.159	-.928
290	302	.078	.149	.562	-.465
290	303	.073	.125	.611	-.387
290	304	-.063	.117	.518	-.468
290	305	-.296	.165	.276	-1.095
290	306	-.242	.153	.211	-.914
290	307	-.218	.149	.275	-1.088
290	308	-.220	.137	.204	-1.070
290	309	-.244	.155	.195	-1.015
290	310	-.247	.161	.218	-1.129
290	311	-.223	.155	.297	-1.087
290	312	.051	.118	.485	-.530
290	313	.057	.112	.519	-.381
290	314	-.055	.117	.387	-.545
290	315	-.250	.154	.165	-.960
290	316	-.215	.138	.156	-.857
290	317	-.235	.153	.176	-.956
290	318	-.222	.152	.181	-1.077
290	319	-.200	.133	.223	-.936
290	320	-.188	.124	.220	-1.132
290	321	-.211	.140	.269	-1.088
290	322	.049	.128	.532	-.424
290	323	.122	.130	.615	-.329
290	324	-.045	.112	.326	-.424
290	325	-.246	.160	.191	-.979
290	326	-.218	.151	.224	-.901
290	327	-.217	.158	.218	-1.026
290	328	-.191	.133	.216	-1.251
290	329	-.228	.153	.291	-1.118
290	401	-.207	.126	.167	-.665
290	402	-.167	.117	.226	-.688
290	403	-.156	.101	.172	-.623
290	404	-.181	.113	.192	-.707
290	405	-.174	.115	.215	-.740
290	406	-.181	.117	.257	-.624
290	407	-.160	.103	.237	-.568
290	408	-.189	.116	.260	-.663

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	409	-.165	.112	.273	-.638
290	410	-.163	.119	.265	-.581
290	411	-.163	.108	.217	-.556
290	412	-.190	.122	.289	-.684
290	413	-.187	.121	.279	-.665
290	414	-.183	.112	.188	-.674
290	415	-.195	.101	.159	-.602
290	416	-.181	.114	.208	-.621
290	417	-.198	.119	.203	-.718
290	418	-.211	.118	.184	-.666
290	419	-.219	.105	.125	-.604
290	420	-.190	.114	.170	-.648
290	421	-.195	.113	.170	-.617
290	422	-.203	.123	.170	-.731
290	423	-.226	.109	.117	-.610
290	424	-.190	.115	.200	-.634
290	425	-.186	.112	.198	-.613
290	426	-.201	.119	.176	-.737
290	427	-.241	.125	.105	-.835
290	428	-.218	.132	.188	-.708
290	429	-.205	.122	.166	-.620
290	430	-.202	.117	.222	-.565
290	431	-.237	.109	.160	-.615
290	432	-.227	.129	.199	-.636
290	433	-.233	.127	.176	-.649
290	434	-.222	.134	.196	-.885
290	435	-.244	.115	.116	-.728
290	436	-.233	.130	.168	-.802
290	437	-.248	.155	.243	-1.078
290	438	-.237	.143	.214	-.824
290	439	-.245	.124	.132	-.641
290	440	-.211	.132	.205	-.788
290	441	-.228	.140	.174	-.871
290	442	-.248	.162	.220	-1.159
290	443	-.269	.144	.135	-.849
290	444	-.220	.149	.237	-.826
290	445	-.214	.143	.222	-.766
290	446	-.223	.141	.255	-.850
290	447	-.267	.136	.240	-.757
290	448	-.231	.147	.234	-.849
290	449	-.209	.144	.270	-.887
290	450	-.197	.142	.239	-.743
290	451	-.219	.129	.237	-.723
290	452	-.199	.145	.237	-.911
290	453	-.198	.144	.243	-.866
290	454	-.173	.142	.312	-.749
290	455	-.178	.132	.248	-.728
290	456	-.130	.134	.294	-.638
290	457	-.159	.139	.381	-.628
290	458	-.201	.150	.208	-.936
290	459	-.225	.134	.191	-.770
290	460	-.194	.147	.239	-.921
290	461	-.171	.154	.267	-1.043
290	462	-.142	.142	.334	-.882
290	463	-.176	.128	.288	-.801
290	501	-.188	.128	.207	-.773
290	502	-.188	.125	.222	-.639
290	503	-.203	.122	.199	-.812
290	504	-.223	.115	.170	-.706
290	505	-.215	.133	.274	-.747
290	506	-.286	.139	.208	-.825
290	507	-.252	.132	.142	-.894
290	508	-.513	.179	.052	-1.372
290	509	-.177	.113	.138	-.576
290	510	-.173	.113	.176	-.562
290	511	-.170	.118	.233	-.578
290	512	-.193	.108	.162	-.550
290	513	-.167	.114	.210	-.541
290	514	-.188	.121	.243	-.689
290	515	-.262	.123	.135	-.672
290	516	-.690	.212	-.128	-1.434
290	517	-.190	.113	.142	-.751
290	518	-.182	.113	.170	-.679
290	519	-.172	.123	.235	-.557
290	520	-.106	.105	.251	-.436
290	521	-.171	.117	.263	-.558
290	522	-.190	.119	.235	-.615
290	523	-.246	.124	.202	-.835
290	524	-.519	.208	.170	-1.346
290	525	-.192	.116	.197	-.670
290	526	-.184	.112	.195	-.679
290	527	-.179	.112	.275	-.605
290	528	-.201	.102	.205	-.569
290	529	-.177	.119	.219	-.682
290	530	-.188	.120	.179	-.588
290	531	-.179	.108	.150	-.528
290	532	-.547	.206	.033	-1.352
290	533	-.212	.120	.195	-.600
290	534	-.189	.116	.164	-.661
290	535	-.130	.098	.158	-.522
290	536	-.194	.119	.160	-.702
290	537	-.180	.117	.164	-.648
290	538	-.188	.121	.198	-.611
290	539	-.182	.106	.126	-.573
290	540	-.548	.200	.012	-1.440
290	541	-.223	.130	.161	-.709
290	542	-.189	.116	.272	-.639
290	543	-.133	.098	.230	-.490
290	544	-.192	.118	.246	-.643
290	545	-.177	.118	.270	-.673
290	546	-.194	.111	.191	-.600
290	547	-.186	.098	.131	-.566
290	548	-.504	.197	-.002	-1.550
290	549	-.238	.127	.206	-.799
290	550	-.219	.143	.258	-.843
290	551	-.162	.121	.224	-.747
290	552	-.213	.142	.270	-.888
290	553	-.197	.140	.302	-.858
290	554	-.195	.123	.210	-.719
290	555	-.187	.109	.171	-.636
290	556	-.468	.202	.101	-1.399
290	557	-.252	.152	.232	-1.267
290	558	-.243	.156	.206	-1.250
290	559	-.189	.128	.211	-1.004
290	560	-.236	.150	.261	-1.177
290	561	-.219	.147	.267	-1.098
290	562	-.210	.139	.243	-.761
290	563	-.198	.118	.239	-.666
290	564	-.474	.195	.105	-1.386
290	565	-.255	.170	.481	-1.127
290	566	-.255	.159	.229	-.869
290	567	-.204	.133	.174	-.848
290	568	-.240	.155	.213	-.977
290	569	-.222	.151	.212	-.965
290	570	-.225	.142	.281	-.702
290	571	-.201	.119	.224	-.616
290	572	-.443	.213	.167	-1.502
290	573	-.227	.165	.364	-1.082
290	574	-.258	.166	.252	-.951
290	575	-.218	.152	.257	-.895
290	576	-.275	.165	.258	-1.055
290	577	-.242	.161	.226	-.978
290	578	-.243	.160	.169	-.933
290	579	-.185	.128	.166	-.726
290	580	-.363	.185	.153	-1.195
290	581	-.217	.166	.508	-1.056
290	582	-.123	.138	.445	-.723
290	583	-.135	.153	.493	-.804
290	584	-.327	.145	.061	-.997
290	585	-.214	.141	.189	-.842
290	586	-.203	.137	.209	-.775
290	587	-.221	.150	.214	-1.185
290	588	-.259	.129	.127	-.805
290	589	-.254	.144	.183	-.859
290	590	-.172	.186	.526	-.983
290	591	-.111	.127	.356	-.572
290	592	-.226	.147	.171	-.958
290	593	-.314	.144	.049	-1.105
290	594	-.120	.125	.262	-.635
290	595	-.207	.149	.253	-.908

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	1	-.247	.133	.117	-.813
300	2	-.329	.132	.054	-1.004
300	3	-.309	.138	.075	-.845
300	4	-.240	.137	.200	-.848
300	5	-.283	.143	.079	-.948
300	6	-.338	.128	.047	-.877
300	7	-.346	.147	.035	-1.218
300	8	-.290	.153	.159	-1.065
300	9	-.249	.128	.201	-.935
300	10	-.324	.117	.087	-.884
300	11	-.329	.135	.083	-.930
300	12	-.234	.122	.156	-.715
300	13	-.252	.129	.157	-.806
300	14	-.322	.118	.063	-.786
300	15	.244	.172	.913	-.365
300	16	.290	.176	.854	-.281
300	17	-.204	.115	.149	-.685
300	18	-.278	.107	.069	-.729
300	19	-.294	.151	.135	-1.079
300	20	-.228	.141	.197	-.969
300	101	.035	.141	.523	-.430
300	102	.157	.138	.630	-.269
300	103	.196	.156	.703	-.331
300	104	.259	.151	.757	-.283
300	105	.286	.153	.926	-.188
300	106	.200	.155	.725	-.248
300	107	.148	.163	.748	-.354
300	108	.291	.154	.825	-.149
300	109	.305	.156	1.001	-.263
300	110	.258	.156	.874	-.266
300	111	.138	.221	.997	-.563
300	112	.089	.133	.601	-.378
300	113	.084	.167	.719	-.561
300	114	.159	.146	.659	-.351
300	115	.342	.167	.946	-.263
300	116	.415	.159	.944	-.148
300	117	.413	.169	1.019	-.033
300	118	.275	.164	.946	-.209
300	119	.040	.156	.591	-.575
300	120	.025	.163	.528	-.600
300	121	.202	.153	.655	-.304
300	122	.354	.156	.940	-.180
300	123	.397	.178	1.103	-.220
300	124	.444	.169	1.114	-.124
300	125	.334	.170	.884	-.185
300	126	.015	.143	.498	-.612
300	127	-.058	.168	.531	-.683
300	128	.167	.147	.657	-.364
300	129	.372	.165	1.004	-.147
300	130	.383	.166	.995	-.087
300	131	.391	.186	1.119	-.127
300	132	.297	.164	.953	-.155
300	133	.081	.151	.595	-.536
300	134	-.071	.153	.468	-.738
300	135	.101	.157	.694	-.516
300	136	.349	.150	1.015	-.056
300	137	.379	.150	.898	-.060
300	138	.342	.148	.918	-.093
300	139	.201	.171	.954	-.285
300	140	.067	.136	.554	-.426
300	141	-.011	.160	.613	-.527
300	142	.080	.141	.610	-.411
300	143	.275	.151	.821	-.209
300	144	.358	.146	.838	-.131
300	145	.367	.172	1.101	-.097
300	146	.186	.172	.894	-.383
300	147	-.004	.147	.546	-.597
300	148	-.043	.152	.524	-.573
300	149	.119	.142	.624	-.440
300	150	.248	.138	.769	-.150
300	151	.291	.157	.896	-.172
300	152	.335	.151	.867	-.113
300	153	.200	.146	.697	-.275
300	154	-.009	.123	.406	-.536
300	155	-.096	.153	.407	-.703
300	156	.110	.131	.565	-.410
300	157	.236	.130	.718	-.183
300	158	.259	.121	.806	-.133
300	159	.259	.136	.906	-.214
300	160	.132	.152	.665	-.530
300	161	.044	.133	.492	-.449
300	162	-.033	.140	.398	-.769
300	163	.101	.130	.581	-.339
300	164	.229	.127	.707	-.173
300	165	.249	.130	.712	-.177
300	166	.240	.119	.685	-.159
300	167	.143	.137	.669	-.311
300	168	.012	.129	.476	-.492
300	169	-.030	.126	.421	-.551
300	170	.057	.105	.424	-.326
300	171	.186	.110	.577	-.156
300	172	.202	.112	.553	-.163
300	173	.193	.118	.595	-.157
300	174	.083	.118	.480	-.373
300	175	.042	.106	.533	-.312
300	176	-.000	.124	.638	-.386
300	177	.092	.127	.561	-.375
300	178	.210	.117	.659	-.188
300	179	.248	.133	.753	-.188
300	180	.228	.133	.728	-.191
300	181	.116	.131	.700	-.306
300	182	.091	.119	.530	-.301
300	183	.014	.137	.424	-.522
300	184	.108	.130	.564	-.357
300	185	.204	.123	.645	-.226
300	186	.232	.120	.727	-.174
300	187	.223	.130	.803	-.270
300	188	.118	.132	.663	-.456
300	201	.028	.184	.789	-.580
300	202	.034	.121	.598	-.380
300	203	-.167	.126	.303	-.690
300	204	-.271	.131	.151	-.874
300	205	-.230	.128	.189	-.657
300	206	-.245	.117	.136	-.679
300	207	-.224	.127	.164	-.643
300	208	-.217	.128	.241	-.865
300	209	-.202	.130	.217	-.731
300	210	-.230	.109	.116	-.641
300	211	-.221	.128	.219	-.734
300	212	-.010	.185	.550	-.696
300	213	.061	.136	.684	-.343
300	214	-.242	.118	.164	-.632
300	215	-.291	.151	.166	-.894
300	216	-.271	.143	.149	-.872
300	217	-.241	.125	.190	-.693
300	218	-.220	.105	.130	-.632
300	219	-.200	.115	.179	-.612
300	220	-.270	.114	.089	-.674
300	221	-.196	.115	.195	-.573
300	222	-.214	.104	.140	-.570
300	223	.102	.179	.816	-.634
300	224	.119	.137	.710	-.320
300	225	-.030	.125	.405	-.465
300	226	-.244	.105	.081	-.614
300	227	-.187	.114	.157	-.615
300	228	-.193	.113	.143	-.569
300	229	-.189	.119	.232	-.594
300	230	-.207	.106	.163	-.568
300	231	-.197	.119	.226	-.624
300	232	.122	.193	.731	-.532
300	233	.154	.143	.622	-.566
300	234	-.079	.112	.353	-.546
300	235	-.221	.122	.197	-.689
300	236	-.194	.118	.220	-.671
300	237	-.191	.116	.255	-.595
300	238	-.206	.104	.172	-.580
300	239	-.188	.115	.201	-.669
300	240	-.210	.119	.155	-.691
300	241	-.196	.118	.186	-.765
300	242	.044	.184	.715	-.691

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	243	-.115	.150	.592	-.367
300	244	-.063	.113	.290	-.417
300	245	-.239	.124	.154	-.655
300	246	-.201	.117	.162	-.656
300	247	-.193	.120	.232	-.610
300	248	-.179	.107	.202	-.597
300	249	-.208	.119	.220	-.648
300	250	-.213	.121	.187	-.687
300	251	-.210	.114	.148	-.625
300	252	.013	.178	.702	-.681
300	253	.080	.139	.614	-.459
300	254	-.100	.123	.326	-.577
300	255	-.246	.140	.208	-.981
300	256	-.198	.119	.196	-.816
300	257	-.222	.136	.220	-1.110
300	258	-.214	.130	.206	-1.004
300	259	-.211	.115	.145	-.617
300	260	-.209	.107	.108	-.684
300	261	-.223	.119	.156	-.650
300	262	-.016	.197	.649	-.726
300	263	.084	.140	.744	-.364
300	264	-.095	.130	.412	-.520
300	265	-.252	.126	.140	-.914
300	266	-.234	.136	.152	-1.139
300	267	-.187	.126	.253	-.729
300	268	-.178	.110	.208	-.538
300	269	-.210	.125	.228	-.659
300	270	-.212	.128	.230	-.785
300	271	-.214	.127	.209	-.790
300	272	.015	.167	.532	-.947
300	273	.063	.132	.522	-.669
300	274	-.109	.127	.337	-.593
300	275	-.251	.158	.187	-.994
300	276	-.207	.133	.165	-.800
300	277	-.231	.150	.172	-.927
300	278	-.226	.145	.208	-1.042
300	279	-.213	.135	.170	-.993
300	280	-.221	.126	.135	-.843
300	281	-.236	.136	.159	-.847
300	282	-.016	.177	.492	-.843
300	283	.068	.129	.530	-.338
300	284	-.098	.119	.294	-.472
300	285	-.272	.156	.157	-.999
300	286	-.229	.146	.178	-.901
300	287	-.215	.143	.140	-1.416
300	288	-.211	.127	.089	-1.507
300	289	-.244	.141	.126	-1.460
300	290	-.258	.148	.134	-1.024
300	291	-.227	.136	.292	-.803
300	292	-.017	.159	.553	-.662
300	293	.021	.128	.506	-.536
300	294	-.117	.123	.320	-.598
300	295	-.262	.150	.181	-1.158
300	296	-.220	.127	.149	-.915
300	297	-.242	.146	.200	-1.415
300	298	-.238	.139	.202	-1.091
300	299	-.222	.134	.242	-.920
300	300	-.237	.146	.143	-1.385
300	301	-.245	.128	.167	-.889
300	302	-.074	.172	.508	-.797
300	303	.007	.131	.571	-.684
300	304	-.111	.123	.351	-.609
300	305	-.267	.175	.264	-1.068
300	306	-.227	.163	.263	-.990
300	307	-.212	.148	.223	-.839
300	308	-.208	.136	.204	-.744
300	309	-.247	.157	.220	-.833
300	310	-.267	.178	.296	-1.368
300	311	-.226	.140	.216	-.938
300	312	-.026	.142	.460	-.519
300	313	.013	.129	.444	-.409
300	314	-.092	.124	.303	-.519
300	315	-.251	.176	.247	-1.065
300	316	-.205	.153	.234	-1.022
300	317	-.229	.167	.238	-1.098
300	318	-.227	.166	.238	-1.085
300	319	-.225	.144	.174	-1.137
300	320	-.214	.142	.145	-1.145
300	321	-.226	.155	.225	-.890
300	322	-.024	.152	.470	-.535
300	323	.067	.118	.432	-.345
300	324	-.069	.102	.264	-.476
300	325	-.219	.141	.220	-.791
300	326	-.205	.136	.254	-.776
300	327	-.197	.145	.250	-.805
300	328	-.177	.128	.241	-.722
300	329	-.205	.151	.337	-1.098
300	401	-.192	.128	.213	-.733
300	402	-.178	.121	.263	-.629
300	403	-.163	.107	.216	-.542
300	404	-.188	.122	.259	-.734
300	405	-.185	.123	.221	-.810
300	406	-.199	.114	.165	-.587
300	407	-.174	.100	.156	-.509
300	408	-.203	.115	.160	-.590
300	409	-.185	.112	.155	-.580
300	410	-.169	.110	.215	-.573
300	411	-.164	.101	.194	-.563
300	412	-.194	.113	.223	-.566
300	413	-.195	.111	.207	-.556
300	414	-.189	.115	.245	-.609
300	415	-.210	.105	.193	-.599
300	416	-.187	.116	.246	-.630
300	417	-.205	.119	.245	-.606
300	418	-.210	.119	.160	-.650
300	419	-.224	.106	.087	-.608
300	420	-.186	.115	.184	-.548
300	421	-.199	.119	.174	-.577
300	422	-.214	.120	.144	-.662
300	423	-.245	.108	.084	-.662
300	424	-.198	.116	.190	-.649
300	425	-.201	.114	.180	-.652
300	426	-.201	.124	.227	-.732
300	427	-.245	.125	.210	-.770
300	428	-.215	.134	.253	-.784
300	429	-.203	.125	.226	-.680
300	430	-.212	.118	.159	-.626
300	431	-.256	.111	.063	-.641
300	432	-.230	.133	.143	-.875
300	433	-.236	.130	.136	-.723
300	434	-.227	.124	.175	-.674
300	435	-.260	.114	.139	-.776
300	436	-.245	.126	.136	-.757
300	437	-.242	.137	.256	-.811
300	438	-.261	.137	.172	-.721
300	439	-.268	.119	.117	-.635
300	440	-.244	.134	.191	-.657
300	441	-.270	.142	.133	-.755
300	442	-.242	.144	.175	-1.174
300	443	-.274	.128	.145	-.976
300	444	-.223	.127	.199	-.689
300	445	-.236	.129	.220	-.813
300	446	-.270	.145	.159	-.953
300	447	-.266	.147	.123	-.890
300	448	-.225	.148	.213	-.866
300	449	-.198	.135	.245	-.751
300	450	-.220	.127	.239	-.692
300	451	-.278	.123	.201	-.863
300	452	-.203	.141	.217	-.872
300	453	-.203	.139	.259	-.865
300	454	-.155	.139	.348	-.752
300	455	-.171	.120	.190	-.654
300	456	-.162	.129	.267	-.600
300	457	-.191	.131	.356	-.649
300	458	-.195	.134	.189	-.785
300	459	-.223	.125	.169	-.878
300	460	-.156	.130	.222	-1.028
300	461	-.126	.119	.318	-.587
300	462	-.147	.127	.298	-.558
300	463	-.218	.129	.241	-.730

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	501	-.200	.128	.281	-.742
300	502	-.199	.127	.269	-.682
300	503	-.201	.132	.186	-.686
300	504	-.224	.124	.115	-.733
300	505	-.204	.140	.214	-.752
300	506	-.255	.140	.175	-.774
300	507	-.194	.122	.221	-.759
300	508	-.372	.167	.169	-1.201
300	509	-.174	.114	.196	-.733
300	510	-.172	.113	.197	-.579
300	511	-.191	.122	.195	-.567
300	512	-.217	.111	.136	-.576
300	513	-.185	.116	.191	-.568
300	514	-.203	.124	.221	-.615
300	515	-.217	.118	.168	-.635
300	516	-.472	.225	.245	-1.258
300	517	-.193	.106	.148	-.622
300	518	-.187	.108	.155	-.562
300	519	-.177	.111	.257	-.645
300	520	-.162	.100	.240	-.593
300	521	-.174	.113	.267	-.645
300	522	-.190	.115	.231	-.653
300	523	-.214	.118	.251	-.658
300	524	-.372	.186	.237	-1.129
300	525	-.203	.115	.231	-.643
300	526	-.196	.109	.213	-.579
300	527	-.195	.112	.213	-.617
300	528	-.212	.102	.168	-.597
300	529	-.181	.110	.153	-.589
300	530	-.214	.115	.142	-.641
300	531	-.221	.105	.142	-.569
300	532	-.412	.185	.173	-1.104
300	533	-.242	.119	.113	-.698
300	534	-.204	.113	.114	-.885
300	535	-.188	.100	.108	-.668
300	536	-.198	.112	.130	-.727
300	537	-.191	.111	.137	-.656
300	538	-.198	.117	.249	-.676
300	539	-.201	.110	.222	-.596
300	540	-.376	.199	.257	-1.323
300	541	-.242	.131	.279	-.908
300	542	-.219	.117	.160	-1.029
300	543	-.203	.100	.116	-.600
300	544	-.206	.113	.187	-.704
300	545	-.202	.113	.219	-.674
300	546	-.214	.123	.207	-.658
300	547	-.219	.114	.236	-.593
300	548	-.375	.190	.269	-1.124
300	549	-.260	.133	.168	-.734
300	550	-.242	.120	.138	-.658

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	551	-.231	.107	.098	-.640
300	552	-.230	.120	.134	-.799
300	553	-.225	.120	.140	-.671
300	554	-.249	.126	.153	-.773
300	555	-.249	.115	.122	-.674
300	556	-.383	.197	.221	-1.053
300	557	-.294	.145	.165	-1.143
300	558	-.270	.144	.215	-.822
300	559	-.263	.129	.180	-.755
300	560	-.260	.144	.208	-.792
300	561	-.256	.144	.191	-.824
300	562	-.258	.141	.202	-.693
300	563	-.242	.124	.210	-.633
300	564	-.354	.193	.268	-1.215
300	565	-.295	.150	.191	-.952
300	566	-.276	.139	.143	-.840
300	567	-.271	.124	.097	-.831
300	568	-.263	.136	.144	-.808
300	569	-.260	.135	.138	-.845
300	570	-.283	.155	.187	-1.020
300	571	-.252	.130	.145	-.789
300	572	-.350	.205	.203	-1.225
300	573	-.252	.135	.215	-.889
300	574	-.274	.142	.208	-.850
300	575	-.280	.142	.122	-1.014
300	576	-.283	.148	.195	-1.055
300	577	-.271	.144	.244	-.940
300	578	-.309	.159	.141	-1.054
300	579	-.225	.122	.132	-.657
300	580	-.279	.165	.217	-1.020
300	581	-.118	.173	.484	-.689
300	582	-.165	.137	.323	-.691
300	583	-.051	.168	.508	-.592
300	584	-.392	.171	.063	-1.296
300	585	-.270	.155	.184	-.958
300	586	-.276	.156	.184	-.895
300	587	-.287	.159	.217	-.887
300	588	-.272	.129	.203	-.760
300	589	-.218	.154	.336	-.943
300	590	-.090	.215	.568	-.957
300	591	-.158	.142	.325	-.779
300	592	-.249	.145	.256	-1.072
300	593	-.367	.144	.091	-1.073
300	594	-.085	.131	.397	-.598
300	595	-.159	.146	.380	-.694
310	1	-.261	.127	.153	-.759
310	2	-.341	.127	.091	-.878
310	3	-.322	.133	.167	-.951
310	4	-.260	.137	.234	-.896
310	5	-.279	.147	.168	-.994

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	6	-.347	.135	.067	-.933
310	7	-.345	.150	.060	-1.128
310	8	-.287	.161	.137	-1.254
310	9	-.252	.135	.213	-.762
310	10	-.326	.125	.124	-.773
310	11	-.331	.143	.224	-.829
310	12	-.237	.131	.251	-.691
310	13	-.270	.133	.124	-.861
310	14	-.338	.121	.022	-.790
310	15	-.296	.161	.840	-.263
310	16	-.221	.160	.954	-.217
310	17	-.213	.113	.152	-.718
310	18	-.292	.107	.035	-.786
310	19	-.390	.175	.135	-1.184
310	20	-.304	.161	.195	-1.127
310	101	.139	.154	.727	-.353
310	102	.212	.148	.766	-.321
310	103	.227	.163	.765	-.348
310	104	.275	.155	.839	-.266
310	105	.258	.149	.834	-.266
310	106	.077	.149	.776	-.438
310	107	.250	.176	.954	-.259
310	108	.313	.158	.995	-.237
310	109	.313	.156	.850	-.136
310	110	.233	.151	.741	-.209
310	111	.022	.207	.700	-.595
310	112	.203	.149	.772	-.300
310	113	.234	.163	.929	-.354
310	114	.285	.157	.836	-.209
310	115	.365	.177	1.039	-.193
310	116	.402	.165	.967	-.162
310	117	.383	.179	1.003	-.105
310	118	.134	.161	.662	-.300
310	119	.174	.176	.795	-.390
310	120	.214	.176	.824	-.339
310	121	.314	.171	.918	-.196
310	122	.388	.176	.971	-.101
310	123	.394	.191	.993	-.130
310	124	.404	.173	.946	-.085
310	125	.170	.161	.720	-.395
310	126	.138	.138	.615	-.350
310	127	.132	.168	.717	-.415
310	128	.301	.155	.862	-.202
310	129	.434	.144	.940	-.052
310	130	.410	.139	.857	-.083
310	131	.373	.156	.864	-.170
310	132	.153	.154	.686	-.373
310	133	.170	.149	.843	-.404
310	134	.093	.151	.782	-.387
310	135	.223	.166	.947	-.252

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	136	.398	.162	.961	-.076
310	137	.378	.162	1.172	-.092
310	138	.305	.155	1.017	-.155
310	139	.073	.178	.712	-.457
310	140	.138	.145	.752	-.353
310	141	.140	.154	.630	-.466
310	142	.196	.142	.616	-.278
310	143	.311	.157	.867	-.193
310	144	.359	.149	.914	-.058
310	145	.359	.154	.875	-.165
310	146	.032	.159	.613	-.466
310	147	.090	.145	.545	-.528
310	148	.118	.150	.590	-.436
310	149	.221	.142	.665	-.244
310	150	.276	.137	.704	-.214
310	151	.282	.151	.812	-.243
310	152	.290	.142	.805	-.226
310	153	.095	.165	.790	-.526
310	154	.044	.125	.500	-.407
310	155	.021	.144	.601	-.459
310	156	.185	.130	.677	-.235
310	157	.286	.139	.798	-.153
310	158	.276	.123	.682	-.109
310	159	.253	.130	.722	-.168
310	160	.017	.150	.621	-.418
310	161	.099	.136	.714	-.386
310	162	.076	.132	.687	-.386
310	163	.177	.135	.797	-.291
310	164	.246	.140	.723	-.201
310	165	.248	.128	.776	-.197
310	166	.203	.114	.655	-.194
310	167	.034	.138	.490	-.583
310	168	.082	.132	.634	-.468
310	169	.086	.138	.575	-.343
310	170	.140	.122	.604	-.253
310	171	.222	.128	.746	-.223
310	172	.219	.128	.691	-.225
310	173	.178	.130	.735	-.220
310	174	-.039	.135	.546	-.483
310	175	.089	.112	.447	-.279
310	176	.107	.128	.530	-.375
310	177	.148	.123	.645	-.314
310	178	.210	.113	.607	-.125
310	179	.231	.123	.705	-.155
310	180	.191	.122	.655	-.174
310	181	.006	.127	.557	-.401
310	182	.123	.121	.641	-.283
310	183	.129	.142	.588	-.415
310	184	.192	.139	.738	-.300
310	185	.264	.129	.868	-.154
310	186	.255	.121	.867	-.150
310	187	.213	.127	.797	-.246
310	188	.032	.136	.538	-.449
310	201	-.198	.189	.493	-.955
310	202	-.066	.115	.333	-.446
310	203	-.229	.125	.181	-.630
310	204	-.255	.132	.199	-.794
310	205	-.237	.132	.261	-.819
310	206	-.261	.122	.207	-.788
310	207	-.226	.132	.257	-.840
310	208	-.225	.133	.256	-.791
310	209	-.201	.129	.146	-.858
310	210	-.266	.118	.121	-.635
310	211	-.245	.134	.175	-.761
310	212	-.230	.205	.535	-.994
310	213	-.051	.142	.444	-.610
310	214	-.308	.118	.078	-.763
310	215	-.325	.156	.104	-1.009
310	216	-.308	.146	.151	-.928
310	217	-.243	.139	.310	-.777
310	218	-.233	.118	.227	-.627
310	219	-.204	.127	.257	-.644
310	220	-.270	.114	.050	-.668
310	221	-.232	.123	.267	-.641
310	222	-.262	.112	.196	-.662
310	223	-.128	.234	.552	-1.155
310	224	.023	.138	.464	-.410
310	225	-.133	.123	.236	-.534
310	226	-.264	.111	.091	-.636
310	227	-.209	.118	.171	-.570
310	228	-.209	.115	.192	-.570
310	229	-.211	.120	.212	-.636
310	230	-.241	.109	.121	-.624
310	231	-.219	.123	.201	-.674
310	232	-.160	.222	.666	-.818
310	233	.042	.150	.513	-.647
310	234	-.182	.114	.232	-.625
310	235	-.227	.122	.193	-.618
310	236	-.212	.123	.221	-.652
310	237	-.205	.113	.180	-.613
310	238	-.235	.102	.105	-.622
310	239	-.203	.112	.174	-.644
310	240	-.223	.116	.157	-.700
310	241	-.213	.116	.232	-.560
310	242	-.213	.204	.389	-.879
310	243	-.006	.145	.486	-.579
310	244	-.169	.115	.233	-.608
310	245	-.219	.124	.283	-.805
310	246	-.197	.120	.288	-.652
310	247	-.203	.118	.154	-.619
310	248	-.227	.109	.120	-.600
310	249	-.210	.118	.159	-.612
310	250	-.219	.119	.152	-.668
310	251	-.200	.115	.194	-.682
310	252	-.207	.209	.616	-.957
310	253	-.012	.148	.580	-.743
310	254	-.151	.123	.366	-.692
310	255	-.243	.126	.154	-.659
310	256	-.241	.112	.113	-.702
310	257	-.216	.121	.152	-.805
310	258	-.216	.117	.136	-.683
310	259	-.213	.117	.187	-.679
310	260	-.247	.111	.117	-.695
310	261	-.213	.117	.146	-.640
310	262	-.247	.220	.521	-1.039
310	263	-.029	.155	.449	-.583
310	264	-.172	.132	.285	-.578
310	265	-.265	.127	.142	-.793
310	266	-.224	.137	.316	-.829
310	267	-.195	.126	.274	-.715
310	268	-.188	.111	.232	-.578
310	269	-.215	.125	.241	-.676
310	270	-.223	.128	.239	-.689
310	271	-.201	.114	.203	-.571
310	272	-.209	.184	.375	-.977
310	273	-.045	.141	.495	-.726
310	274	-.180	.122	.293	-.659
310	275	-.240	.137	.192	-.806
310	276	-.212	.120	.171	-.690
310	277	-.224	.134	.203	-.823
310	278	-.226	.132	.189	-.872
310	279	-.226	.122	.197	-.661
310	280	-.235	.112	.120	-.707
310	281	-.237	.120	.134	-.676
310	282	-.229	.204	.424	-1.164
310	283	-.049	.134	.413	-.658
310	284	-.177	.109	.185	-.591
310	285	-.251	.136	.185	-1.101
310	286	-.229	.132	.182	-1.045
310	287	-.213	.129	.236	-1.049
310	288	-.215	.112	.162	-.788
310	289	-.235	.126	.198	-.858
310	290	-.250	.130	.188	-.808
310	291	-.212	.118	.214	-.695
310	292	-.199	.169	.372	-.862
310	293	-.056	.131	.406	-.524
310	294	-.170	.126	.283	-.623
310	295	-.242	.137	.237	-1.131
310	296	-.218	.119	.196	-.890
310	297	-.229	.137	.235	-1.150

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	298	-.235	.137	.222	-1.323
310	299	-.213	.135	.217	-.841
310	300	-.234	.134	.197	-.787
310	301	-.229	.130	.196	-.742
310	302	-.250	.182	.373	-.889
310	303	-.060	.132	.363	-.527
310	304	-.152	.111	.196	-.491
310	305	-.216	.133	.206	-.683
310	306	-.195	.129	.250	-.725
310	307	-.200	.134	.219	-.816
310	308	-.210	.121	.184	-.777
310	309	-.231	.139	.241	-1.072
310	310	-.261	.166	.227	-1.477
310	311	-.210	.128	.165	-.792
310	312	-.179	.142	.288	-.787
310	313	-.061	.128	.387	-.541
310	314	-.130	.115	.257	-.547
310	315	-.205	.136	.220	-.946
310	316	-.178	.119	.193	-.998
310	317	-.192	.135	.200	-1.172
310	318	-.201	.140	.201	-1.529
310	319	-.200	.132	.180	-.869
310	320	-.221	.140	.196	-1.106
310	321	-.191	.137	.263	-.733
310	322	-.185	.163	.328	-.741
310	323	-.042	.142	.410	-.782
310	324	-.110	.103	.223	-.488
310	325	-.191	.135	.235	-.758
310	326	-.191	.131	.239	-.803
310	327	-.184	.134	.289	-.842
310	328	-.213	.139	.212	-.971
310	329	-.183	.141	.261	-1.086
310	401	-.209	.128	.268	-.662
310	402	-.190	.118	.234	-.677
310	403	-.187	.103	.199	-.616
310	404	-.195	.116	.211	-.733
310	405	-.209	.119	.183	-.681
310	406	-.187	.114	.202	-.548
310	407	-.177	.100	.158	-.526
310	408	-.192	.115	.200	-.642
310	409	-.171	.113	.233	-.618
310	410	-.175	.113	.199	-.607
310	411	-.184	.104	.154	-.669
310	412	-.189	.115	.199	-.580
310	413	-.196	.114	.188	-.593
310	414	-.185	.111	.186	-.588
310	415	-.212	.104	.136	-.634
310	416	-.187	.115	.185	-.653
310	417	-.194	.113	.161	-.616
310	418	-.212	.114	.142	-.620

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	419	-.230	.103	.101	-.572
310	420	-.191	.112	.158	-.569
310	421	-.210	.118	.134	-.595
310	422	-.206	.111	.136	-.670
310	423	-.241	.104	.065	-.758
310	424	-.193	.113	.182	-.693
310	425	-.198	.113	.200	-.695
310	426	-.218	.121	.180	-.661
310	427	-.254	.112	.123	-.679
310	428	-.218	.121	.206	-.715
310	429	-.215	.117	.183	-.649
310	430	-.220	.121	.201	-.682
310	431	-.268	.116	.119	-.685
310	432	-.221	.125	.228	-.782
310	433	-.235	.129	.189	-.875
310	434	-.235	.118	.157	-.717
310	435	-.278	.112	.082	-.674
310	436	-.250	.123	.184	-.678
310	437	-.239	.120	.123	-.799
310	438	-.263	.124	.191	-.824
310	439	-.297	.113	.074	-.761
310	440	-.265	.127	.116	-.927
310	441	-.292	.137	.098	-1.117
310	442	-.237	.121	.166	-.717
310	443	-.292	.115	.244	-.753
310	444	-.256	.125	.185	-.733
310	445	-.281	.128	.170	-.720
310	446	-.284	.129	.091	-.938
310	447	-.246	.107	.068	-.706
310	448	-.211	.119	.138	-.673
310	449	-.220	.117	.131	-.660
310	450	-.235	.138	.250	-.682
310	451	-.306	.134	.252	-.825
310	452	-.181	.133	.252	-.690
310	453	-.164	.132	.262	-.676
310	454	-.145	.123	.275	-.654
310	455	-.205	.117	.260	-.625
310	456	-.190	.121	.258	-.575
310	457	-.222	.131	.139	-1.044
310	458	-.175	.124	.238	-.645
310	459	-.197	.116	.190	-.725
310	460	-.132	.127	.320	-.833
310	461	-.144	.130	.418	-.545
310	462	-.172	.127	.188	-.641
310	463	-.250	.125	.111	-.709
310	501	-.206	.127	.205	-.708
310	502	-.203	.126	.230	-.704
310	503	-.208	.129	.182	-.785
310	504	-.243	.119	.122	-.701
310	505	-.210	.129	.231	-.711

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	506	-.245	.127	.159	-.716
310	507	-.154	.124	.269	-.671
310	508	-.259	.162	.338	-.839
310	509	-.214	.119	.173	-.712
310	510	-.204	.116	.211	-.674
310	511	-.197	.125	.222	-.715
310	512	-.232	.115	.155	-.709
310	513	-.189	.120	.193	-.662
310	514	-.203	.128	.221	-.687
310	515	-.162	.116	.360	-.659
310	516	-.235	.183	.452	-.982
310	517	-.217	.113	.211	-.739
310	518	-.208	.112	.221	-.648
310	519	-.192	.114	.159	-.590
310	520	-.212	.106	.114	-.559
310	521	-.187	.120	.208	-.644
310	522	-.200	.121	.186	-.633
310	523	-.154	.119	.251	-.614
310	524	-.185	.189	.386	-.936
310	525	-.204	.117	.200	-.826
310	526	-.195	.110	.204	-.742
310	527	-.201	.116	.169	-.562
310	528	-.233	.107	.130	-.561
310	529	-.203	.119	.197	-.580
310	530	-.206	.118	.170	-.682
310	531	-.193	.111	.156	-.570
310	532	-.205	.181	.382	-.921
310	533	-.239	.124	.121	-.856
310	534	-.223	.119	.123	-.640
310	535	-.241	.110	.088	-.591
310	536	-.203	.121	.162	-.605
310	537	-.209	.121	.163	-.611
310	538	-.213	.120	.189	-.633
310	539	-.206	.114	.192	-.684
310	540	-.235	.182	.424	-1.065
310	541	-.243	.123	.118	-.806
310	542	-.238	.117	.144	-.836
310	543	-.257	.106	.052	-.775
310	544	-.219	.117	.120	-.781
310	545	-.225	.118	.140	-.877
310	546	-.237	.125	.162	-.760
310	547	-.216	.116	.165	-.655
310	548	-.220	.180	.390	-1.022
310	549	-.281	.130	.109	-.843
310	550	-.268	.127	.203	-.793
310	551	-.289	.116	.135	-.723
310	552	-.248	.125	.288	-.763
310	553	-.256	.126	.284	-.747
310	554	-.257	.133	.256	-.709
310	555	-.220	.120	.332	-.577

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	556	-.181	.181	.557	-1.038
310	557	-.287	.146	.261	-.862
310	558	-.282	.136	.164	-.742
310	559	-.305	.125	.098	-.783
310	560	-.263	.135	.171	-.786
310	561	-.272	.135	.158	-.809
310	562	-.295	.142	.146	-.868
310	563	-.231	.125	.183	-.735
310	564	-.197	.188	.398	-1.061
310	565	-.302	.143	.139	-.943
310	566	-.292	.130	.137	-.823
310	567	-.322	.118	.059	-.720
310	568	-.281	.129	.130	-.821
310	569	-.291	.129	.134	-.830
310	570	-.343	.140	.097	-1.079
310	571	-.238	.125	.150	-.747
310	572	-.184	.183	.344	-.969
310	573	-.269	.130	.128	-.821
310	574	-.295	.142	.153	-.949
310	575	-.331	.144	.079	-1.376
310	576	-.295	.149	.142	-1.302
310	577	-.301	.147	.160	-1.158
310	578	-.348	.156	.086	-1.055
310	579	-.227	.127	.149	-.768
310	580	-.173	.161	.384	-.922
310	581	-.014	.176	.698	-.475
310	582	-.206	.137	.284	-.895
310	583	.004	.156	.707	-.470
310	584	-.369	.155	.284	-.967
310	585	-.274	.145	.198	-.831
310	586	-.294	.148	.167	-.902
310	587	-.310	.133	.185	-.881
310	588	-.240	.112	.152	-.705
310	589	-.150	.148	.318	-.744
310	590	.037	.186	.662	-.563
310	591	-.227	.127	.212	-.951
310	592	-.269	.142	.156	-.816
310	593	-.399	.144	-.012	-.962
310	594	-.041	.130	.431	-.467
310	595	-.105	.150	.440	-.744
320	1	-.286	.136	.080	-.966
320	2	-.375	.144	-.005	-1.247
320	3	-.344	.145	.061	-1.001
320	4	-.273	.140	.193	-.879
320	5	-.278	.150	.122	-.989
320	6	-.349	.134	.067	-.844
320	7	-.351	.157	.108	-1.142
320	8	-.287	.167	.197	-1.580
320	9	-.262	.134	.135	-.799
320	10	-.336	.126	.034	-.813
320	11	-.343	.145	.087	-1.050
320	12	-.254	.133	.142	-.838
320	13	-.253	.128	.202	-.829
320	14	-.322	.120	.088	-.927
320	15	.294	.169	.990	-.341
320	16	.114	.150	.615	-.363
320	17	-.207	.112	.218	-.606
320	18	-.286	.106	.115	-.665
320	19	-.471	.195	.097	-1.403
320	20	-.386	.183	.170	-1.265
320	101	.217	.147	.856	-.230
320	102	.221	.139	.748	-.270
320	103	.208	.149	.731	-.356
320	104	.244	.140	.849	-.266
320	105	.234	.145	.728	-.218
320	106	-.030	.136	.457	-.528
320	107	.322	.176	.946	-.197
320	108	.326	.157	.920	-.157
320	109	.272	.158	.830	-.220
320	110	.159	.149	.630	-.289
320	111	-.217	.184	.676	-.745
320	112	.293	.159	.942	-.214
320	113	.359	.172	1.075	-.194
320	114	.372	.170	1.028	-.156
320	115	.375	.182	1.097	-.244
320	116	.385	.168	1.115	-.216
320	117	.329	.160	.876	-.171
320	118	-.026	.149	.520	-.553
320	119	.277	.163	1.004	-.230
320	120	.350	.162	1.033	-.285
320	121	.389	.157	1.039	-.177
320	122	.393	.152	1.065	-.179
320	123	.365	.164	1.108	-.256
320	124	.342	.152	1.058	-.227
320	125	.015	.161	.659	-.453
320	126	.239	.143	.805	-.197
320	127	.275	.173	.935	-.302
320	128	.389	.164	1.057	-.100
320	129	.436	.152	.958	.024
320	130	.377	.143	.858	-.030
320	131	.298	.152	.907	-.160
320	132	-.028	.147	.550	-.492
320	133	.260	.161	.885	-.381
320	134	.250	.167	.872	-.321
320	135	.322	.184	1.082	-.339
320	136	.407	.171	1.145	-.177
320	137	.382	.159	.943	-.228
320	138	.270	.150	.816	-.296
320	139	-.090	.169	.575	-.613
320	140	.222	.148	.786	-.324
320	141	.279	.149	.882	-.250
320	142	.319	.148	.860	-.109
320	143	.383	.161	.990	-.142
320	144	.394	.144	.878	-.159
320	145	.294	.148	.879	-.156
320	146	-.155	.149	.391	-.673
320	147	.178	.147	.699	-.287
320	148	.247	.144	.765	-.213
320	149	.279	.149	.881	-.259
320	150	.287	.140	.800	-.132
320	151	.269	.148	.826	-.135
320	152	.247	.134	.771	-.127
320	153	-.067	.153	.421	-.590
320	154	.113	.130	.644	-.300
320	155	.139	.148	.698	-.341
320	156	.241	.135	.743	-.189
320	157	.302	.137	.774	-.145
320	158	.262	.126	.718	-.151
320	159	.223	.130	.758	-.196
320	160	-.096	.145	.414	-.693
320	161	.169	.132	.659	-.484
320	162	.166	.130	.635	-.270
320	163	.251	.132	.737	-.156
320	164	.286	.134	.818	-.145
320	165	.247	.132	.751	-.170
320	166	.158	.120	.624	-.222
320	167	-.084	.144	.430	-.706
320	168	.141	.128	.602	-.240
320	169	.145	.131	.591	-.387
320	170	.168	.120	.607	-.376
320	171	.241	.128	.648	-.329
320	172	.223	.127	.683	-.316
320	173	.147	.122	.594	-.251
320	174	-.123	.125	.369	-.594
320	175	.115	.113	.522	-.298
320	176	.151	.122	.650	-.287
320	177	.186	.120	.565	-.267
320	178	.218	.115	.589	-.228
320	179	.244	.123	.647	-.244
320	180	.188	.119	.584	-.260
320	181	-.071	.124	.331	-.588
320	182	.144	.115	.626	-.197
320	183	.194	.129	.721	-.207
320	184	.234	.130	.818	-.122
320	185	.263	.129	.659	-.141
320	186	.227	.123	.653	-.177
320	187	.183	.119	.585	-.201
320	188	-.019	.121	.487	-.577
320	201	-.418	.222	.233	-1.239
320	202	-.172	.118	.192	-.638

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	203	-.262	.125	.152	-.770
320	204	-.244	.129	.197	-.753
320	205	-.252	.136	.180	-.970
320	206	-.297	.130	.098	-.996
320	207	-.223	.131	.230	-.794
320	208	-.219	.129	.218	-.906
320	209	-.206	.123	.285	-.804
320	210	-.277	.113	.104	-.733
320	211	-.224	.125	.202	-.704
320	212	-.418	.173	.197	-1.066
320	213	-.190	.144	.359	-.817
320	214	-.342	.122	.085	-.828
320	215	-.310	.154	.164	-.944
320	216	-.290	.145	.206	-.916
320	217	-.233	.125	.191	-.635
320	218	-.256	.108	.110	-.634
320	219	-.200	.116	.182	-.605
320	220	-.281	.113	.183	-.647
320	221	-.221	.121	.152	-.701
320	222	-.276	.110	.061	-.725
320	223	-.414	.242	.351	-1.267
320	224	-.100	.126	.337	-.661
320	225	-.196	.115	.188	-.610
320	226	-.275	.112	.129	-.737
320	227	-.186	.114	.259	-.606
320	228	-.189	.114	.223	-.612
320	229	-.202	.114	.167	-.609
320	230	-.260	.104	.082	-.609
320	231	-.206	.115	.182	-.621
320	232	-.362	.201	.261	-1.148
320	233	-.136	.186	.372	-.950
320	234	-.271	.122	.135	-.737
320	235	-.223	.134	.170	-.744
320	236	-.193	.128	.296	-.693
320	237	-.194	.109	.214	-.546
320	238	-.250	.100	.110	-.572
320	239	-.189	.109	.193	-.530
320	240	-.206	.113	.161	-.557
320	241	-.198	.117	.158	-.650
320	242	-.483	.195	.109	-1.189
320	243	-.195	.188	.333	-1.199
320	244	-.258	.117	.108	-1.000
320	245	-.220	.122	.194	-.797
320	246	-.195	.116	.222	-.699
320	247	-.197	.113	.177	-.586
320	248	-.240	.105	.105	-.638
320	249	-.192	.111	.172	-.634
320	250	-.212	.116	.159	-.656
320	251	-.191	.113	.187	-.644
320	252	-.470	.202	.267	-1.534
320	253	-.139	.180	.328	-1.239
320	254	-.212	.124	.181	-.739
320	255	-.256	.126	.203	-.665
320	256	-.258	.108	.119	-.668
320	257	-.202	.114	.191	-.576
320	258	-.216	.114	.184	-.584
320	259	-.199	.114	.198	-.578
320	260	-.246	.108	.122	-.570
320	261	-.182	.113	.282	-.546
320	262	-.458	.215	.203	-1.279
320	263	-.175	.173	.402	-.839
320	264	-.226	.123	.215	-.733
320	265	-.249	.119	.173	-.662
320	266	-.203	.115	.203	-.656
320	267	-.182	.122	.244	-.702
320	268	-.184	.110	.177	-.623
320	269	-.191	.122	.205	-.702
320	270	-.201	.123	.174	-.776
320	271	-.203	.119	.179	-.649
320	272	-.448	.208	.093	-1.391
320	273	-.182	.184	.263	-1.043
320	274	-.243	.132	.193	-.783
320	275	-.233	.124	.169	-.677
320	276	-.206	.107	.160	-.598
320	277	-.203	.116	.163	-.612
320	278	-.210	.115	.157	-.606
320	279	-.201	.117	.215	-.628
320	280	-.214	.108	.166	-.556
320	281	-.205	.119	.204	-.616
320	282	-.438	.224	.232	-1.424
320	283	-.162	.179	.354	-1.005
320	284	-.220	.111	.146	-.688
320	285	-.233	.125	.247	-.765
320	286	-.208	.121	.230	-.711
320	287	-.192	.115	.177	-.648
320	288	-.201	.102	.126	-.562
320	289	-.207	.113	.179	-.586
320	290	-.222	.117	.113	-.790
320	291	-.207	.118	.225	-.602
320	292	-.394	.166	.083	-1.000
320	293	-.172	.153	.261	-.997
320	294	-.211	.121	.202	-.641
320	295	-.228	.123	.159	-.687
320	296	-.206	.107	.123	-.883
320	297	-.204	.117	.152	-.682
320	298	-.215	.115	.157	-.664
320	299	-.197	.118	.222	-.666
320	300	-.216	.112	.141	-.613
320	301	-.210	.120	.222	-.664
320	302	-.333	.179	.342	-1.122
320	303	-.160	.155	.379	-.845
320	304	-.191	.108	.197	-.645
320	305	-.199	.125	.249	-.642
320	306	-.181	.121	.249	-.682
320	307	-.168	.114	.198	-.552
320	308	-.179	.104	.136	-.568
320	309	-.186	.117	.169	-.665
320	310	-.210	.123	.169	-.741
320	311	-.203	.123	.155	-.791
320	312	-.258	.147	.186	-.849
320	313	-.118	.142	.319	-.779
320	314	-.151	.120	.248	-.604
320	315	-.209	.132	.138	-1.105
320	316	-.190	.112	.118	-.883
320	317	-.192	.124	.159	-.984
320	318	-.204	.125	.151	-.921
320	319	-.193	.117	.177	-.692
320	320	-.219	.128	.138	-.857
320	321	-.163	.118	.246	-.591
320	322	-.245	.152	.298	-.856
320	323	-.165	.149	.321	-.847
320	324	-.153	.103	.194	-.558
320	325	-.178	.121	.237	-.601
320	326	-.185	.118	.207	-.641
320	327	-.165	.115	.200	-.656
320	328	-.202	.121	.127	-.846
320	329	-.153	.118	.299	-.685
320	401	-.189	.121	.204	-.667
320	402	-.194	.126	.216	-.769
320	403	-.198	.112	.190	-.643
320	404	-.194	.122	.253	-.693
320	405	-.204	.129	.233	-.858
320	406	-.190	.122	.227	-.581
320	407	-.183	.108	.183	-.539
320	408	-.183	.121	.239	-.601
320	409	-.180	.119	.245	-.576
320	410	-.182	.110	.201	-.632
320	411	-.203	.102	.176	-.579
320	412	-.177	.110	.214	-.639
320	413	-.187	.111	.256	-.645
320	414	-.197	.109	.213	-.538
320	415	-.240	.102	.094	-.563
320	416	-.213	.114	.149	-.609
320	417	-.189	.107	.163	-.526
320	418	-.203	.115	.156	-.654
320	419	-.235	.105	.129	-.672
320	420	-.195	.115	.231	-.626
320	421	-.218	.120	.140	-.681
320	422	-.205	.116	.168	-.597
320	423	-.253	.109	.078	-.629

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	424	-.204	.115	.134	-.606
320	425	-.208	.114	.142	-.621
320	426	-.227	.119	.109	-.823
320	427	-.253	.111	.126	-.648
320	428	-.217	.122	.202	-.749
320	429	-.215	.118	.164	-.642
320	430	-.229	.122	.206	-.623
320	431	-.288	.116	.123	-.653
320	432	-.227	.122	.196	-.661
320	433	-.251	.131	.253	-.818
320	434	-.244	.125	.215	-.667
320	435	-.297	.116	.121	-.669
320	436	-.263	.125	.201	-.705
320	437	-.242	.126	.128	-.833
320	438	-.281	.138	.145	-.847
320	439	-.320	.124	.075	-.857
320	440	-.277	.139	.169	-.984
320	441	-.293	.143	.115	-1.057
320	442	-.244	.131	.259	-.712
320	443	-.329	.132	.145	-1.081
320	444	-.270	.134	.222	-.797
320	445	-.281	.137	.215	-1.003
320	446	-.291	.147	.216	-.969
320	447	-.263	.128	.245	-.727
320	448	-.246	.150	.295	-.879
320	449	-.259	.144	.265	-.984
320	450	-.262	.127	.138	-.720
320	451	-.330	.124	.020	-.860
320	452	-.169	.125	.293	-.614
320	453	-.157	.134	.240	-.743
320	454	-.199	.127	.254	-.671
320	455	-.276	.119	.126	-.679
320	456	-.248	.128	.172	-.753
320	457	-.289	.137	.110	-1.010
320	458	-.200	.126	.286	-.751
320	459	-.241	.125	.245	-.695
320	460	-.212	.137	.233	-.894
320	461	-.228	.137	.216	-.720
320	462	-.229	.127	.198	-.697
320	463	-.329	.122	.099	-.720
320	501	-.235	.130	.207	-.908
320	502	-.228	.124	.164	-.771
320	503	-.228	.127	.198	-.689
320	504	-.272	.113	.060	-.730
320	505	-.230	.123	.166	-.753
320	506	-.277	.123	.126	-.667
320	507	-.081	.124	.398	-.585
320	508	-.079	.162	.450	-.725
320	509	-.221	.118	.114	-.740
320	510	-.211	.112	.118	-.664
320	511	-.201	.114	.188	-.650
320	512	-.246	.106	.131	-.720
320	513	-.192	.110	.190	-.675
320	514	-.226	.120	.185	-.776
320	515	-.083	.136	.374	-.568
320	516	-.016	.181	.588	-.627
320	517	-.226	.123	.175	-.723
320	518	-.214	.124	.191	-.728
320	519	-.192	.116	.177	-.607
320	520	-.229	.109	.133	-.640
320	521	-.200	.122	.178	-.649
320	522	-.230	.128	.155	-.781
320	523	-.087	.133	.471	-.559
320	524	.025	.176	.778	-.651
320	525	-.236	.133	.169	-.878
320	526	-.220	.122	.175	-.771
320	527	-.205	.120	.197	-.614
320	528	-.247	.111	.123	-.613
320	529	-.195	.117	.212	-.624
320	530	-.221	.119	.172	-.711
320	531	-.135	.113	.280	-.524
320	532	-.023	.170	.597	-.586
320	533	-.234	.125	.125	-.992
320	534	-.225	.113	.106	-.631
320	535	-.250	.105	.038	-.675
320	536	-.194	.113	.151	-.616
320	537	-.209	.114	.143	-.609
320	538	-.228	.120	.122	-.613
320	539	-.137	.120	.282	-.482
320	540	-.041	.188	.587	-.774
320	541	-.239	.123	.123	-.733
320	542	-.231	.117	.165	-.707
320	543	-.259	.108	.110	-.738
320	544	-.202	.116	.219	-.709
320	545	-.218	.117	.198	-.776
320	546	-.260	.126	.217	-.732
320	547	-.142	.130	.353	-.686
320	548	-.014	.192	.633	-.884
320	549	-.261	.131	.241	-.755
320	550	-.254	.121	.142	-.782
320	551	-.282	.112	.071	-.908
320	552	-.222	.120	.146	-.796
320	553	-.240	.121	.135	-.809
320	554	-.278	.119	.072	-.822
320	555	-.172	.123	.285	-.589
320	556	-.043	.186	.572	-.864
320	557	-.284	.122	.135	-.699
320	558	-.274	.137	.187	-.811
320	559	-.306	.126	.099	-.855
320	560	-.245	.132	.188	-.704
320	561	-.264	.134	.162	-.883
320	562	-.307	.132	.146	-.822
320	563	-.168	.126	.240	-.610
320	564	-.043	.183	.525	-.686
320	565	-.291	.134	.131	-.870
320	566	-.287	.130	.155	-.741
320	567	-.331	.122	.058	-.745
320	568	-.271	.130	.149	-.746
320	569	-.290	.132	.116	-.770
320	570	-.332	.134	.073	-.917
320	571	-.172	.115	.197	-.568
320	572	-.049	.158	.421	-.600
320	573	-.264	.127	.171	-.874
320	574	-.274	.142	.124	-.789
320	575	-.316	.137	.084	-.855
320	576	-.265	.145	.166	-.916
320	577	-.284	.147	.120	-.914
320	578	-.325	.144	.122	-.992
320	579	-.173	.125	.228	-.718
320	580	-.078	.175	.558	-.898
320	581	.054	.171	.572	-.474
320	582	-.267	.142	.154	-1.041
320	583	.051	.147	.535	-.462
320	584	-.342	.165	.158	-1.214
320	585	-.264	.161	.204	-.974
320	586	-.281	.159	.160	-.924
320	587	-.306	.157	.111	-1.016
320	588	-.172	.119	.193	-.592
320	589	-.032	.137	.382	-.549
320	590	.085	.193	.662	-.601
320	591	-.225	.139	.180	-.779
320	592	-.241	.132	.236	-.673
320	593	-.360	.130	.072	-.875
320	594	.025	.122	.514	-.391
320	595	-.013	.139	.497	-.581
330	1	-.282	.139	.148	-.823
330	2	-.374	.147	.044	-1.102
330	3	-.340	.148	.126	-.905
330	4	-.251	.139	.155	-.695
330	5	-.293	.152	.193	-1.149
330	6	-.351	.138	.058	-1.004
330	7	-.367	.165	.085	-1.356
330	8	-.303	.184	.235	-1.648
330	9	-.299	.134	.093	-.826
330	10	-.373	.126	-.013	-.860
330	11	-.381	.146	.045	-1.012
330	12	-.296	.135	.103	-.800
330	13	-.263	.133	.229	-.797
330	14	-.329	.125	.149	-.773
330	15	.293	.168	.932	-.325

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) AMERICAN GENERAL NO 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	16	-.006	.133	.475	-.505
330	17	-.198	.123	.260	-.735
330	18	-.277	.115	.124	-.650
330	19	-.435	.168	.096	-1.178
330	20	-.377	.173	.167	-1.077
330	101	.308	.173	.876	-.252
330	102	.238	.155	.724	-.301
330	103	.202	.169	.746	-.368
330	104	.220	.146	.742	-.322
330	105	.175	.144	.832	-.204
330	106	-.175	.123	.269	-.652
330	107	.364	.186	1.103	-.103
330	108	.314	.168	.907	-.113
330	109	.260	.158	.826	-.240
330	110	.119	.145	.642	-.350
330	111	-.319	.164	.216	-.853
330	112	.387	.162	1.009	-.158
330	113	.408	.158	.983	-.100
330	114	.375	.159	.976	-.096
330	115	.340	.171	.987	-.141
330	116	.331	.157	.937	-.096
330	117	.233	.159	.894	-.302
330	118	-.203	.148	.277	-.707
330	119	.352	.167	.987	-.137
330	120	.422	.163	1.010	-.051
330	121	.454	.167	1.068	-.083
330	122	.398	.160	1.003	-.085
330	123	.343	.172	.993	-.167
330	124	.282	.155	.875	-.156
330	125	-.153	.136	.347	-.660
330	126	.324	.154	.857	-.216
330	127	.375	.172	.947	-.198
330	128	.430	.160	1.031	-.069
330	129	.404	.160	1.111	-.093
330	130	.313	.147	.985	-.158
330	131	.209	.152	.920	-.314
330	132	-.167	.138	.327	-.606
330	133	.335	.159	.907	-.284
330	134	.335	.157	.877	-.193
330	135	.358	.166	.944	-.232
330	136	.378	.149	.878	-.105
330	137	.332	.159	.885	-.158
330	138	.193	.145	.664	-.268
330	139	-.216	.162	.337	-.833
330	140	.272	.158	.857	-.281
330	141	.344	.149	.957	-.100
330	142	.326	.139	.826	-.140
330	143	.325	.148	.836	-.206
330	144	.316	.138	.852	-.165
330	145	.209	.131	.667	-.245
330	146	-.288	.138	.211	-.821
330	147	.215	.149	.715	-.247
330	148	.292	.143	.771	-.159
330	149	.341	.158	.933	-.237
330	150	.290	.145	.841	-.124
330	151	.247	.155	.828	-.256
330	152	.192	.141	.782	-.289
330	153	-.190	.140	.358	-.790
330	154	.179	.130	.700	-.265
330	155	.222	.147	.773	-.291
330	156	.288	.137	.863	-.116
330	157	.251	.136	.740	-.161
330	158	.174	.129	.682	-.215
330	159	.149	.132	.668	-.281
330	160	-.175	.139	.312	-.666
330	161	.188	.136	.722	-.377
330	162	.169	.133	.645	-.344
330	163	.231	.131	.719	-.285
330	164	.227	.130	.725	-.181
330	165	.213	.136	.665	-.231
330	166	.087	.125	.498	-.372
330	167	-.170	.140	.287	-.667
330	168	.181	.130	.640	-.256
330	169	.210	.134	.662	-.225
330	170	.186	.128	.601	-.229
330	171	.234	.130	.668	-.179
330	172	.195	.128	.622	-.225
330	173	.112	.125	.546	-.299
330	174	-.219	.124	.188	-.634
330	175	.151	.124	.538	-.230
330	176	.191	.132	.597	-.257
330	177	.199	.124	.696	-.206
330	178	.176	.123	.637	-.210
330	179	.201	.125	.641	-.206
330	180	.132	.120	.546	-.240
330	181	-.116	.123	.219	-.596
330	182	.127	.119	.663	-.208
330	183	.205	.127	.795	-.171
330	184	.221	.125	.764	-.140
330	185	.246	.128	.752	-.134
330	186	.174	.122	.619	-.229
330	187	.133	.115	.508	-.301
330	188	-.090	.125	.376	-.559
330	201	-.604	.220	.117	-1.418
330	202	-.298	.134	.116	-.851
330	203	-.290	.138	.142	-.833
330	204	-.265	.141	.209	-.838
330	205	-.246	.142	.282	-.809
330	206	-.311	.135	.141	-1.035
330	207	-.207	.128	.230	-.845
330	208	-.210	.124	.226	-.811
330	209	-.225	.136	.225	-.661
330	210	-.306	.120	.061	-.678
330	211	-.223	.130	.166	-.665
330	212	-.551	.199	.002	-1.155
330	213	-.293	.149	.157	-.807
330	214	-.329	.121	.061	-.733
330	215	-.254	.142	.211	-.829
330	216	-.233	.133	.201	-.759
330	217	-.208	.117	.172	-.627
330	218	-.272	.105	.064	-.624
330	219	-.192	.111	.135	-.593
330	220	-.210	.118	.181	-.632
330	221	-.224	.130	.192	-.749
330	222	-.300	.124	.125	-.733
330	223	-.661	.270	.192	-1.655
330	224	-.239	.154	.298	-.871
330	225	-.247	.123	.118	-.744
330	226	-.314	.121	.056	-.822
330	227	-.185	.121	.187	-.660
330	228	-.190	.121	.162	-.642
330	229	-.211	.127	.182	-.711
330	230	-.292	.119	.082	-.773
330	231	-.209	.126	.201	-.745
330	232	-.586	.198	-.048	-1.479
330	233	-.361	.230	.270	-1.221
330	234	-.343	.126	.051	-1.008
330	235	-.234	.128	.233	-.706
330	236	-.194	.122	.204	-.650
330	237	-.192	.116	.197	-.602
330	238	-.268	.110	.091	-.670
330	239	-.185	.117	.187	-.614
330	240	-.197	.123	.176	-.775
330	241	-.188	.110	.221	-.576
330	242	-.672	.199	-.105	-1.398
330	243	-.393	.221	.182	-1.308
330	244	-.315	.139	.121	-.913
330	245	-.206	.132	.296	-.662
330	246	-.188	.124	.189	-.626
330	247	-.193	.119	.213	-.650
330	248	-.238	.110	.132	-.688
330	249	-.172	.116	.206	-.625
330	250	-.198	.120	.201	-.635
330	251	-.186	.114	.194	-.580
330	252	-.645	.208	-.080	-1.522
330	253	-.319	.214	.202	-1.131
330	254	-.261	.135	.281	-.974
330	255	-.234	.129	.236	-.715
330	256	-.242	.112	.164	-.675
330	257	-.167	.114	.245	-.604

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	258	-.191	.114	.222	-.629
330	259	-.198	.122	.190	-.721
330	260	-.254	.121	.110	-1.097
330	261	-.164	.117	.208	-.589
330	262	-.559	.210	.041	-1.631
330	263	-.368	.207	.284	-1.494
330	264	-.268	.130	.152	-.856
330	265	-.255	.132	.162	-.740
330	266	-.193	.116	.190	-.595
330	267	-.179	.114	.205	-.584
330	268	-.191	.102	.139	-.558
330	269	-.174	.112	.203	-.575
330	270	-.193	.116	.181	-.718
330	271	-.176	.108	.186	-.571
330	272	-.518	.172	.020	-1.330
330	273	-.305	.203	.338	-1.192
330	274	-.250	.130	.149	-.885
330	275	-.226	.134	.188	-.738
330	276	-.205	.117	.158	-.696
330	277	-.179	.125	.199	-.992
330	278	-.194	.124	.192	-.717
330	279	-.193	.116	.183	-.693
330	280	-.217	.106	.134	-.648
330	281	-.187	.114	.221	-.576
330	282	-.514	.188	.012	-1.296
330	283	-.331	.203	.167	-1.251
330	284	-.278	.120	.092	-.776
330	285	-.229	.128	.201	-.627
330	286	-.210	.125	.186	-.710
330	287	-.187	.119	.165	-.680
330	288	-.203	.105	.157	-.584
330	289	-.183	.115	.192	-.636
330	290	-.210	.120	.165	-.651
330	291	-.208	.120	.142	-.755
330	292	-.511	.189	.006	-1.297
330	293	-.279	.199	.256	-1.082
330	294	-.245	.139	.143	-.797
330	295	-.231	.130	.194	-.763
330	296	-.216	.110	.138	-.785
330	297	-.190	.119	.160	-.737
330	298	-.211	.118	.139	-.699
330	299	-.204	.117	.193	-.602
330	300	-.237	.111	.124	-.699
330	301	-.210	.119	.214	-.705
330	302	-.447	.179	.066	-1.264
330	303	-.253	.175	.257	-1.020
330	304	-.232	.118	.178	-.801
330	305	-.189	.126	.259	-.783
330	306	-.180	.121	.263	-.702
330	307	-.166	.110	.165	-.631
330	308	-.190	.101	.115	-.667
330	309	-.172	.111	.142	-.709
330	310	-.204	.117	.187	-.789
330	311	-.190	.117	.159	-.632
330	312	-.333	.139	.081	-.933
330	313	-.206	.153	.226	-.837
330	314	-.174	.119	.178	-.645
330	315	-.185	.129	.209	-.806
330	316	-.181	.110	.152	-.743
330	317	-.158	.121	.212	-.694
330	318	-.180	.122	.187	-.739
330	319	-.172	.105	.183	-.646
330	320	-.195	.114	.256	-.917
330	321	-.137	.115	.253	-.541
330	322	-.337	.167	.156	-1.359
330	323	-.236	.162	.250	-.871
330	324	-.170	.113	.178	-.640
330	325	-.150	.125	.242	-.789
330	326	-.167	.125	.209	-.721
330	327	-.160	.126	.222	-.816
330	328	-.192	.122	.162	-1.323
330	329	-.136	.125	.246	-.627
330	401	-.190	.138	.222	-.859
330	402	-.196	.131	.220	-.777
330	403	-.206	.117	.141	-.669
330	404	-.179	.129	.251	-.785
330	405	-.210	.138	.222	-.726
330	406	-.203	.117	.219	-.624
330	407	-.203	.103	.193	-.555
330	408	-.193	.122	.228	-.834
330	409	-.196	.114	.222	-.626
330	410	-.199	.118	.149	-.844
330	411	-.232	.112	.102	-.789
330	412	-.168	.113	.178	-.676
330	413	-.205	.121	.238	-.932
330	414	-.194	.118	.198	-.622
330	415	-.246	.113	.130	-.651
330	416	-.209	.123	.199	-.693
330	417	-.180	.112	.226	-.660
330	418	-.207	.117	.144	-.805
330	419	-.249	.107	.111	-.588
330	420	-.199	.116	.180	-.609
330	421	-.222	.125	.160	-.774
330	422	-.198	.108	.141	-.598
330	423	-.268	.112	.103	-.656
330	424	-.204	.112	.160	-.574
330	425	-.215	.114	.188	-.696
330	426	-.236	.130	.206	-.723
330	427	-.267	.109	.040	-.689
330	428	-.227	.126	.163	-.997
330	429	-.221	.119	.154	-.725
330	430	-.226	.117	.267	-.771
330	431	-.296	.117	.171	-.851
330	432	-.217	.114	.282	-.687
330	433	-.256	.130	.277	-.839
330	434	-.240	.123	.152	-.700
330	435	-.298	.115	.069	-.815
330	436	-.249	.127	.145	-.799
330	437	-.228	.122	.148	-.689
330	438	-.265	.130	.109	-.852
330	439	-.307	.113	.031	-.807
330	440	-.246	.126	.121	-1.232
330	441	-.260	.131	.120	-1.062
330	442	-.246	.128	.113	-.803
330	443	-.336	.136	.192	-.904
330	444	-.259	.132	.170	-.871
330	445	-.262	.135	.137	-.757
330	446	-.275	.129	.128	-.852
330	447	-.270	.118	.100	-.873
330	448	-.253	.138	.167	-1.006
330	449	-.252	.127	.128	-.905
330	450	-.264	.127	.113	-.833
330	451	-.330	.123	.018	-.939
330	452	-.156	.117	.290	-.793
330	453	-.166	.125	.238	-.840
330	454	-.188	.139	.196	-.790
330	455	-.284	.137	.110	-1.085
330	456	-.240	.140	.202	-.821
330	457	-.270	.141	.169	-.860
330	458	-.172	.124	.280	-.657
330	459	-.235	.129	.137	-.841
330	460	-.198	.138	.196	-.853
330	461	-.216	.139	.191	-.902
330	462	-.217	.126	.146	-.800
330	463	-.315	.122	.034	-.832
330	501	-.239	.141	.198	-.945
330	502	-.238	.137	.224	-.746
330	503	-.247	.130	.181	-.788
330	504	-.299	.117	.077	-.720
330	505	-.240	.122	.129	-.704
330	506	-.282	.126	.098	-.806
330	507	.000	.134	.463	-.515
330	508	.070	.158	.530	-.495
330	509	-.247	.128	.105	-.928
330	510	-.233	.119	.132	-.666
330	511	-.228	.126	.205	-.777
330	512	-.279	.118	.107	-.753
330	513	-.216	.119	.139	-.641
330	514	-.282	.136	.129	-.782
330	515	.024	.142	.512	-.511

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	516	-.173	.170	.768	-.490
330	517	-.228	.122	.168	-.693
330	518	-.209	.120	.183	-.606
330	519	-.209	.128	.274	-.651
330	520	-.256	.121	.193	-.709
330	521	-.228	.127	.179	-.749
330	522	-.290	.138	.138	-.876
330	523	.015	.138	.525	-.408
330	524	-.231	.190	.994	-.624
330	525	-.238	.139	.174	-.970
330	526	-.221	.128	.175	-.939
330	527	-.224	.127	.177	-.682
330	528	-.275	.118	.102	-.730
330	529	-.209	.130	.281	-.615
330	530	-.290	.135	.164	-.800
330	531	-.041	.135	.394	-.528
330	532	.199	.186	.827	-.460
330	533	-.262	.146	.136	-1.016
330	534	-.247	.136	.196	-.880
330	535	-.279	.125	.153	-1.033
330	536	-.200	.128	.222	-.785
330	537	-.224	.129	.222	-.696
330	538	-.309	.148	.182	-.920
330	539	-.043	.143	.425	-.655
330	540	.193	.194	.848	-.582
330	541	-.296	.159	.160	-1.219
330	542	-.250	.134	.206	-.923
330	543	-.290	.127	.115	-1.065
330	544	-.217	.137	.234	-1.114
330	545	-.243	.139	.186	-1.101
330	546	-.316	.146	.154	-.925
330	547	-.074	.131	.518	-.595
330	548	.145	.184	.850	-.542
330	549	-.284	.148	.157	-.975
330	550	-.267	.142	.185	-.954
330	551	-.314	.137	.136	-1.090
330	552	-.234	.141	.241	-1.166
330	553	-.262	.142	.181	-1.197
330	554	-.329	.166	.200	-1.143
330	555	-.094	.136	.354	-.559
330	556	.126	.175	.774	-.474
330	557	-.298	.163	.219	-1.096
330	558	-.278	.137	.288	-.790
330	559	-.330	.128	.012	-1.060
330	560	-.249	.134	.139	-.955
330	561	-.279	.137	.131	-1.037
330	562	-.351	.163	.138	-1.003
330	563	-.087	.135	.385	-.540
330	564	.120	.160	.788	-.418
330	565	-.280	.152	.172	-1.045

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	566	-.291	.133	.155	-.773
330	567	-.358	.128	.106	-.870
330	568	-.295	.137	.189	-.802
330	569	-.329	.141	.159	-.860
330	570	-.376	.168	.167	-1.036
330	571	-.102	.139	.368	-.714
330	572	.092	.173	.641	-.769
330	573	-.269	.140	.364	-.907
330	574	-.256	.134	.156	-.738
330	575	-.339	.132	.078	-.790
330	576	-.290	.140	.206	-.955
330	577	-.328	.146	.187	-1.067
330	578	-.357	.160	.133	-.962
330	579	-.108	.129	.305	-.502
330	580	.023	.160	.588	-.661
330	581	.133	.154	.739	-.414
330	582	-.294	.150	.243	-.891
330	583	.078	.143	.699	-.528
330	584	-.216	.137	.187	-.977
330	585	-.260	.137	.156	-.852
330	586	-.282	.136	.142	-.845
330	587	-.310	.163	.191	-.901
330	588	-.051	.113	.333	-.450
330	589	.023	.138	.488	-.444
330	590	.150	.155	.740	-.453
330	591	-.293	.157	.227	-.939
330	592	-.255	.154	.273	-.986
330	593	-.260	.146	.207	-.959
330	594	.083	.142	.537	-.397
330	595	.073	.153	.580	-.394
340	1	-.365	.157	.134	-.921
340	2	-.482	.172	.064	-1.126
340	3	-.432	.173	.119	-1.000
340	4	-.253	.158	.290	-.871
340	5	-.336	.174	.313	-1.059
340	6	-.375	.160	.250	-1.043
340	7	-.415	.190	.096	-1.422
340	8	-.328	.200	.313	-1.258
340	9	-.369	.144	.131	-.883
340	10	-.447	.134	.008	-.929
340	11	-.460	.163	.041	-1.168
340	12	-.375	.150	.114	-1.071
340	13	-.260	.145	.313	-.786
340	14	-.319	.135	.203	-.788
340	15	.267	.177	.827	-.213
340	16	-.061	.129	.386	-.453
340	17	-.208	.128	.120	-.657
340	18	-.291	.122	.038	-.686
340	19	-.437	.191	.090	-1.286
340	20	-.368	.187	.127	-1.140

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	101	.292	.174	.999	-.281
340	102	.175	.153	.700	-.330
340	103	.131	.159	.638	-.411
340	104	.150	.144	.660	-.344
340	105	.106	.140	.569	-.379
340	106	-.262	.129	.171	-.743
340	107	.339	.192	.984	-.252
340	108	.289	.172	.887	-.191
340	109	.215	.151	.864	-.263
340	110	.051	.133	.554	-.409
340	111	-.365	.163	.091	-1.035
340	112	.439	.172	1.051	-.062
340	113	.431	.176	1.044	-.080
340	114	.342	.176	.886	-.280
340	115	.306	.173	.859	-.250
340	116	.284	.154	.714	-.202
340	117	.171	.141	.674	-.269
340	118	-.240	.140	.230	-.769
340	119	.407	.180	1.046	-.169
340	120	.454	.170	1.041	-.091
340	121	.407	.173	.978	-.109
340	122	.328	.149	.966	-.067
340	123	.268	.155	.953	-.188
340	124	.204	.139	.747	-.183
340	125	-.163	.150	.294	-.720
340	126	.366	.157	.857	-.063
340	127	.410	.173	.986	-.068
340	128	.409	.164	1.058	-.049
340	129	.353	.160	1.103	-.146
340	130	.243	.147	.908	-.207
340	131	.147	.152	.813	-.376
340	132	-.149	.151	.359	-.718
340	133	.361	.162	.981	-.130
340	134	.348	.157	.897	-.149
340	135	.324	.172	.869	-.239
340	136	.331	.147	.841	-.168
340	137	.278	.147	.834	-.145
340	138	.118	.132	.586	-.260
340	139	-.211	.150	.255	-.809
340	140	.347	.157	.936	-.139
340	141	.358	.154	.971	-.087
340	142	.287	.149	.887	-.106
340	143	.272	.151	.797	-.178
340	144	.249	.136	.715	-.174
340	145	.157	.125	.699	-.291
340	146	-.270	.135	.158	-.958
340	147	.279	.158	.813	-.211
340	148	.339	.147	.832	-.119
340	149	.309	.146	.802	-.112
340	150	.241	.131	.669	-.162

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	151	.195	.137	.691	-.234
340	152	-.139	.121	.558	-.258
340	153	-.209	.142	.290	-.914
340	154	.198	.135	.765	-.237
340	155	.241	.147	.901	-.234
340	156	.265	.136	.899	-.173
340	157	.240	.131	.729	-.179
340	158	.137	.122	.605	-.246
340	159	.112	.121	.642	-.274
340	160	-.226	.133	.265	-.634
340	161	.216	.131	.656	-.226
340	162	.189	.125	.628	-.237
340	163	.227	.128	.710	-.206
340	164	.215	.121	.614	-.201
340	165	.168	.120	.572	-.217
340	166	.029	.110	.390	-.331
340	167	-.177	.123	.261	-.684
340	168	.181	.121	.667	-.198
340	169	.193	.121	.694	-.235
340	170	.133	.123	.613	-.269
340	171	.199	.125	.720	-.234
340	172	.162	.124	.706	-.263
340	173	.081	.115	.557	-.362
340	174	-.259	.126	.159	-.720
340	175	.158	.106	.530	-.240
340	176	.194	.113	.572	-.234
340	177	.202	.121	.690	-.241
340	178	.153	.118	.552	-.272
340	179	.184	.120	.611	-.240
340	180	.107	.117	.532	-.320
340	181	-.154	.126	.278	-.528
340	182	.153	.130	.723	-.232
340	183	.247	.136	.820	-.153
340	184	.246	.135	.765	-.144
340	185	.226	.127	.833	-.153
340	186	.131	.121	.700	-.236
340	187	.103	.113	.538	-.278
340	188	-.119	.121	.351	-.521
340	201	-.673	.260	.015	-1.741
340	202	-.452	.169	.161	-1.237
340	203	-.349	.176	.291	-.976
340	204	-.339	.179	.227	-1.043
340	205	-.278	.159	.185	-1.228
340	206	-.349	.146	.077	-.975
340	207	-.218	.132	.167	-.743
340	208	-.224	.130	.153	-1.235
340	209	-.208	.132	.237	-.815
340	210	-.321	.133	.112	-.912
340	211	-.210	.138	.229	-.804
340	212	-.492	.219	.164	-1.435
340	213	-.369	.165	.200	-.983
340	214	-.362	.132	.124	-.840
340	215	-.249	.142	.261	-.866
340	216	-.239	.137	.259	-.805
340	217	-.246	.131	.154	-.784
340	218	-.333	.124	.046	-.787
340	219	-.229	.129	.167	-.725
340	220	-.198	.111	.161	-.694
340	221	-.237	.134	.226	-.876
340	222	-.324	.126	.096	-.969
340	223	-.498	.281	.135	-1.621
340	224	-.327	.169	.137	-1.181
340	225	-.295	.145	.130	-.853
340	226	-.360	.138	.057	-.887
340	227	-.214	.130	.176	-.719
340	228	-.219	.131	.169	-.713
340	229	-.219	.126	.174	-.676
340	230	-.313	.119	.021	-.824
340	231	-.207	.122	.149	-.804
340	232	-.431	.215	.075	-1.401
340	233	-.391	.204	.172	-1.234
340	234	-.378	.147	.054	-.892
340	235	-.220	.142	.268	-.757
340	236	-.196	.133	.243	-.734
340	237	-.217	.121	.226	-.711
340	238	-.318	.116	.092	-.829
340	239	-.204	.119	.215	-.683
340	240	-.217	.121	.180	-.688
340	241	-.210	.120	.168	-.682
340	242	-.567	.243	-.003	-1.391
340	243	-.364	.210	.261	-1.243
340	244	-.324	.163	.207	-1.020
340	245	-.192	.154	.317	-1.022
340	246	-.204	.146	.305	-.797
340	247	-.202	.120	.212	-.635
340	248	-.243	.109	.107	-.633
340	249	-.158	.111	.208	-.553
340	250	-.198	.117	.185	-.652
340	251	-.194	.123	.237	-.622
340	252	-.499	.245	.150	-1.634
340	253	-.337	.212	.248	-1.342
340	254	-.272	.165	.277	-1.053
340	255	-.233	.145	.232	-.864
340	256	-.263	.126	.141	-.797
340	257	-.166	.124	.220	-.632
340	258	-.191	.123	.200	-.697
340	259	-.182	.120	.254	-.639
340	260	-.239	.114	.199	-.699
340	261	-.146	.118	.296	-.644
340	262	-.441	.230	.229	-1.414
340	263	-.399	.197	.124	-1.331
340	264	-.288	.148	.196	-.938
340	265	-.244	.143	.239	-.934
340	266	-.226	.138	.191	-1.471
340	267	-.188	.112	.246	-.624
340	268	-.201	.098	.162	-.558
340	269	-.171	.106	.202	-.583
340	270	-.198	.110	.148	-.637
340	271	-.177	.125	.444	-.607
340	272	-.452	.208	.137	-1.241
340	273	-.342	.199	.212	-1.200
340	274	-.267	.158	.255	-.919
340	275	-.232	.144	.223	-.869
340	276	-.230	.124	.205	-.793
340	277	-.187	.126	.274	-.716
340	278	-.202	.121	.264	-.686
340	279	-.184	.114	.212	-.689
340	280	-.212	.105	.127	-.581
340	281	-.172	.114	.219	-.564
340	282	-.462	.201	.186	-1.497
340	283	-.356	.186	.216	-1.300
340	284	-.284	.135	.074	-1.076
340	285	-.216	.139	.225	-.879
340	286	-.215	.132	.230	-.834
340	287	-.190	.124	.219	-.706
340	288	-.206	.110	.178	-.737
340	289	-.177	.119	.244	-.764
340	290	-.211	.124	.231	-.665
340	291	-.200	.123	.236	-.748
340	292	-.475	.180	.028	-1.399
340	293	-.318	.180	.230	-1.024
340	294	-.253	.144	.206	-.837
340	295	-.209	.135	.222	-.782
340	296	-.209	.115	.119	-.628
340	297	-.170	.120	.194	-.751
340	298	-.189	.117	.171	-.674
340	299	-.185	.121	.339	-.562
340	300	-.222	.112	.250	-.592
340	301	-.183	.121	.341	-.637
340	302	-.412	.173	.140	-1.087
340	303	-.280	.171	.220	-.966
340	304	-.235	.123	.165	-.724
340	305	-.172	.129	.334	-.742
340	306	-.171	.124	.315	-.653
340	307	-.157	.120	.230	-.728
340	308	-.178	.108	.156	-.655
340	309	-.149	.119	.226	-.652
340	310	-.189	.125	.189	-.752
340	311	-.209	.130	.270	-.799
340	312	-.364	.162	.119	-1.108

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	313	-.231	.145	.233	-.809
340	314	-.190	.129	.213	-.659
340	315	-.172	.123	.298	-.548
340	316	-.176	.110	.253	-.625
340	317	-.142	.118	.308	-.576
340	318	-.164	.120	.297	-.588
340	319	-.163	.120	.232	-.697
340	320	-.193	.121	.178	-.811
340	321	-.147	.127	.237	-.743
340	322	-.345	.179	.161	-1.378
340	323	-.273	.148	.166	-.814
340	324	-.184	.116	.177	-.640
340	325	-.136	.123	.241	-.690
340	326	-.160	.123	.209	-.617
340	327	-.168	.121	.200	-.655
340	328	-.197	.113	.150	-.793
340	329	-.152	.125	.289	-.647
340	401	-.225	.139	.268	-.762
340	402	-.216	.136	.186	-.841
340	403	-.231	.120	.130	-.759
340	404	-.199	.136	.209	-.940
340	405	-.242	.146	.197	-.881
340	406	-.201	.125	.189	-.643
340	407	-.212	.111	.127	-.605
340	408	-.206	.133	.215	-.729
340	409	-.207	.123	.243	-.722
340	410	-.202	.132	.202	-.803
340	411	-.246	.129	.159	-.698
340	412	-.165	.122	.236	-.580
340	413	-.221	.141	.222	-.902
340	414	-.228	.128	.156	-.687
340	415	-.287	.124	.113	-.730
340	416	-.254	.146	.191	-.842
340	417	-.193	.122	.220	-.596
340	418	-.247	.139	.137	-1.172
340	419	-.284	.115	.089	-.812
340	420	-.235	.127	.174	-.802
340	421	-.251	.142	.180	-1.214
340	422	-.195	.115	.166	-.609
340	423	-.290	.124	.061	-.842
340	424	-.216	.119	.168	-.631
340	425	-.214	.121	.162	-.634
340	426	-.243	.146	.217	-.877
340	427	-.260	.116	.096	-.691
340	428	-.244	.136	.174	-.840
340	429	-.215	.123	.174	-.657
340	430	-.229	.132	.181	-.691
340	431	-.313	.137	.085	-1.052
340	432	-.228	.124	.159	-.718
340	433	-.246	.139	.168	-.825
340	434	-.229	.132	.215	-.759
340	435	-.293	.125	.133	-.762
340	436	-.256	.141	.199	-.811
340	437	-.220	.124	.197	-.677
340	438	-.248	.145	.122	-1.458
340	439	-.298	.129	.036	-1.520
340	440	-.243	.139	.154	-1.206
340	441	-.244	.139	.161	-1.170
340	442	-.247	.130	.154	-1.072
340	443	-.336	.135	.059	-.935
340	444	-.262	.135	.171	-1.054
340	445	-.251	.135	.182	-.858
340	446	-.280	.146	.142	-.853
340	447	-.297	.125	.056	-.839
340	448	-.284	.157	.110	-1.026
340	449	-.265	.138	.162	-.890
340	450	-.255	.143	.303	-.921
340	451	-.329	.145	.222	-1.135
340	452	-.178	.132	.275	-.818
340	453	-.188	.142	.228	-1.544
340	454	-.172	.132	.215	-.664
340	455	-.264	.134	.143	-.826
340	456	-.224	.132	.145	-.741
340	457	-.233	.132	.162	-.709
340	458	-.170	.120	.235	-.678
340	459	-.254	.128	.102	-.883
340	460	-.217	.137	.157	-.886
340	461	-.229	.138	.158	-.959
340	462	-.218	.122	.201	-.794
340	463	-.314	.111	.066	-.749
340	501	-.275	.150	.343	-1.022
340	502	-.283	.144	.266	-1.107
340	503	-.307	.147	.151	-.965
340	504	-.370	.137	.048	-.916
340	505	-.322	.148	.104	-.896
340	506	-.246	.135	.216	-.744
340	507	.075	.139	.547	-.331
340	508	.141	.144	.636	-.324
340	509	-.265	.146	.157	-.939
340	510	-.243	.138	.153	-.792
340	511	-.289	.153	.123	-.899
340	512	-.354	.152	.029	-1.058
340	513	-.289	.162	.113	-1.070
340	514	-.307	.157	.196	-1.135
340	515	.120	.158	.716	-.374
340	516	.293	.166	.863	-.525
340	517	-.273	.161	.250	-1.059
340	518	-.269	.161	.237	-1.000
340	519	-.285	.160	.193	-1.002
340	520	-.334	.146	.115	-.987
340	521	-.276	.157	.230	-1.025
340	522	-.303	.160	.207	-1.040
340	523	.119	.151	.694	-.440
340	524	.358	.181	.964	-.315
340	525	-.278	.152	.258	-1.035
340	526	-.257	.133	.263	-.795
340	527	-.278	.167	.232	-.994
340	528	-.335	.160	.154	-1.060
340	529	-.264	.145	.197	-.965
340	530	-.307	.145	.114	-.969
340	531	.065	.137	.538	-.327
340	532	.336	.173	1.026	-.177
340	533	-.289	.169	.205	-1.408
340	534	-.283	.162	.221	-1.150
340	535	-.339	.165	.099	-1.217
340	536	-.243	.168	.215	-1.067
340	537	-.283	.174	.193	-1.174
340	538	-.332	.161	.170	-.987
340	539	.042	.133	.541	-.457
340	540	.310	.157	.801	-.256
340	541	-.288	.173	.164	-1.259
340	542	-.299	.172	.283	-1.187
340	543	-.390	.172	.138	-1.525
340	544	-.330	.202	.202	-1.630
340	545	-.382	.212	.180	-1.533
340	546	-.376	.211	.147	-1.379
340	547	-.003	.161	.621	-.535
340	548	.254	.181	1.002	-.346
340	549	-.286	.173	.257	-1.075
340	550	-.308	.177	.242	-1.222
340	551	-.414	.189	.093	-1.584
340	552	-.330	.204	.185	-1.928
340	553	-.387	.219	.183	-2.112
340	554	-.345	.174	.296	-1.088
340	555	-.018	.135	.464	-.526
340	556	.221	.149	.752	-.377
340	557	-.248	.157	.176	-.920
340	558	-.283	.156	.263	-.864
340	559	-.385	.159	.096	-1.318
340	560	-.319	.176	.125	-1.385
340	561	-.378	.190	.086	-1.670
340	562	-.397	.204	.147	-1.740
340	563	-.042	.148	.466	-.681
340	564	.194	.159	.857	-.474
340	565	-.251	.152	.230	-.916
340	566	-.246	.140	.219	-.932
340	567	-.367	.149	.124	-1.016
340	568	-.372	.169	.111	-1.305
340	569	-.468	.189	.057	-1.390
340	570	-.361	.188	.312	-1.242

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	571	-.049	.137	.506	-.655
340	572	.166	.150	.735	-.387
340	573	-.238	.135	.193	-.759
340	574	-.211	.137	.253	-.779
340	575	-.304	.144	.142	-.816
340	576	-.300	.158	.168	-1.007
340	577	-.376	.171	.086	-1.146
340	578	-.329	.176	.372	-1.033
340	579	-.058	.128	.449	-.501
340	580	.113	.149	.628	-.454
340	581	.134	.140	.757	-.294
340	582	-.256	.141	.213	-.784
340	583	.100	.134	.581	-.387
340	584	-.192	.156	.272	-.830
340	585	-.258	.163	.159	-.870
340	586	-.283	.163	.130	-.905
340	587	-.266	.175	.339	-1.160
340	588	-.025	.116	.339	-.460
340	589	.063	.133	.572	-.427
340	590	.168	.136	.739	-.247
340	591	-.273	.137	.139	-.963
340	592	-.227	.138	.196	-.734
340	593	-.231	.129	.288	-.707
340	594	.109	.122	.524	-.305
340	595	.111	.130	.537	-.351
350	1	-.383	.144	.115	-.988
350	2	-.498	.156	.061	-1.067
350	3	-.440	.156	.106	-.954
350	4	-.185	.158	.454	-.748
350	5	-.369	.168	.247	-1.130
350	6	-.364	.157	.214	-1.072
350	7	-.421	.173	.154	-1.144
350	8	-.354	.196	.336	-1.344
350	9	-.395	.141	.004	-.926
350	10	-.459	.130	-.093	-.921
350	11	-.489	.162	-.011	-1.194
350	12	-.415	.149	.002	-1.052
350	13	-.258	.151	.337	-.793
350	14	-.256	.136	.223	-.740
350	15	-.191	.152	.851	-.279
350	16	-.097	.112	.324	-.537
350	17	-.202	.120	.201	-.653
350	18	-.283	.113	.074	-.694
350	19	-.436	.182	.106	-1.434
350	20	-.355	.169	.160	-1.335
350	101	.240	.171	1.000	-.357
350	102	.110	.145	.736	-.345
350	103	.068	.147	.620	-.391
350	104	.083	.135	.604	-.366
350	105	.057	.122	.556	-.351
350	106	-.293	.116	.090	-.690
350	107	.290	.164	.982	-.260
350	108	.267	.152	.889	-.236
350	109	.156	.144	.702	-.281
350	110	-.014	.122	.431	-.403
350	111	-.352	.142	.147	-.802
350	112	.426	.177	1.058	-.197
350	113	.392	.170	1.016	-.155
350	114	.194	.177	.747	-.408
350	115	.219	.157	.757	-.283
350	116	.196	.139	.729	-.244
350	117	.113	.131	.572	-.278
350	118	-.190	.119	.184	-.590
350	119	.414	.172	1.068	-.098
350	120	.445	.161	1.056	-.037
350	121	.283	.175	.973	-.389
350	122	.241	.137	.763	-.232
350	123	.198	.143	.675	-.368
350	124	.143	.130	.552	-.405
350	125	-.097	.123	.343	-.680
350	126	.365	.167	1.014	-.213
350	127	.405	.178	1.071	-.163
350	128	.321	.180	.940	-.191
350	129	.311	.151	.863	-.242
350	130	.191	.137	.697	-.283
350	131	.123	.141	.664	-.394
350	132	-.100	.131	.333	-.694
350	133	.372	.152	.912	-.083
350	134	.342	.145	.851	-.098
350	135	.257	.177	.900	-.411
350	136	.277	.139	.806	-.156
350	137	.243	.138	.928	-.232
350	138	.087	.123	.703	-.340
350	139	-.139	.135	.332	-.755
350	140	.373	.169	1.018	-.194
350	141	.396	.156	.989	-.074
350	142	.239	.160	.799	-.250
350	143	.262	.146	.840	-.139
350	144	.220	.129	.761	-.143
350	145	.121	.119	.555	-.259
350	146	-.209	.118	.156	-.860
350	147	.301	.161	.950	-.149
350	148	.338	.149	.913	-.075
350	149	.243	.170	.928	-.416
350	150	.185	.134	.757	-.214
350	151	.165	.137	.731	-.266
350	152	.197	.123	.561	-.284
350	153	-.131	.131	.308	-.608
350	154	.186	.147	.716	-.301
350	155	.240	.159	.812	-.256
350	156	.191	.155	.749	-.286
350	157	.213	.127	.794	-.174
350	158	.173	.106	.637	-.143
350	159	.080	.108	.492	-.246
350	160	-.170	.118	.195	-.585
350	161	.235	.143	.708	-.192
350	162	.262	.129	.665	-.128
350	163	.161	.153	.721	-.321
350	164	.179	.129	.624	-.262
350	165	.144	.129	.606	-.252
350	166	.085	.110	.490	-.247
350	167	-.160	.126	.229	-.675
350	168	.175	.131	.622	-.264
350	169	.198	.123	.704	-.224
350	170	.155	.121	.530	-.361
350	171	.153	.118	.540	-.237
350	172	.125	.114	.538	-.251
350	173	.057	.115	.433	-.368
350	174	-.151	.109	.191	-.538
350	175	.161	.123	.613	-.318
350	176	.204	.130	.706	-.313
350	177	.176	.126	.600	-.252
350	178	.188	.111	.556	-.184
350	179	.146	.123	.565	-.258
350	180	.086	.118	.493	-.285
350	181	-.139	.122	.257	-.557
350	182	.208	.121	.697	-.227
350	183	.223	.139	.784	-.260
350	184	.206	.135	.836	-.242
350	185	.188	.117	.651	-.251
350	186	.155	.102	.592	-.242
350	187	.065	.105	.428	-.344
350	188	-.121	.108	.257	-.514
350	201	-.555	.213	.020	-1.571
350	202	-.351	.151	.061	-1.065
350	203	-.334	.157	.166	-1.011
350	204	-.328	.162	.203	-.969
350	205	-.287	.157	.211	-.920
350	206	-.249	.133	.161	-.813
350	207	-.225	.130	.309	-.691
350	208	-.209	.130	.306	-.697
350	209	-.210	.133	.218	-.689
350	210	-.216	.108	.148	-.637
350	211	-.224	.126	.200	-.650
350	212	-.539	.204	.027	-1.573
350	213	-.286	.153	.279	-.855
350	214	-.239	.115	.106	-.661
350	215	-.260	.135	.157	-.743
350	216	-.235	.125	.153	-.762
350	217	-.225	.127	.136	-.772

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	218	-.205	.111	.116	-.691
350	219	-.214	.124	.171	-.754
350	220	-.212	.112	.155	-.656
350	221	-.206	.117	.193	-.573
350	222	-.197	.103	.158	-.531
350	223	-.268	.161	.142	-1.159
350	224	-.263	.140	.167	-.861
350	225	-.251	.128	.212	-.816
350	226	-.223	.108	.151	-.717
350	227	-.214	.116	.169	-.679
350	228	-.204	.116	.233	-.631
350	229	-.213	.111	.161	-.603
350	230	-.213	.098	.106	-.565
350	231	-.216	.112	.165	-.638
350	232	-.258	.154	.190	-1.093
350	233	-.257	.141	.121	-.889
350	234	-.241	.116	.088	-.766
350	235	-.222	.123	.227	-.718
350	236	-.201	.117	.192	-.643
350	237	-.208	.120	.147	-.686
350	238	-.209	.108	.094	-.667
350	239	-.208	.121	.133	-.714
350	240	-.205	.121	.152	-.682
350	241	-.200	.125	.258	-.640
350	242	-.260	.149	.172	-.973
350	243	-.220	.137	.191	-.796
350	244	-.264	.124	.115	-.762
350	245	-.160	.125	.229	-.645
350	246	-.194	.125	.181	-.660
350	247	-.182	.116	.238	-.671
350	248	-.223	.107	.147	-.594
350	249	-.128	.108	.215	-.520
350	250	-.193	.116	.184	-.608
350	251	-.201	.121	.169	-.587
350	252	-.284	.134	.104	-1.073
350	253	-.184	.137	.226	-1.098
350	254	-.222	.137	.204	-1.140
350	255	-.217	.133	.218	-.863
350	256	-.257	.118	.160	-.850
350	257	-.139	.113	.258	-.610
350	258	-.173	.111	.231	-.629
350	259	-.188	.113	.174	-.597
350	260	-.249	.109	.107	-.641
350	261	-.144	.113	.245	-.604
350	262	-.276	.160	.191	-.958
350	263	-.256	.150	.197	-1.056
350	264	-.225	.143	.252	-.876
350	265	-.227	.128	.242	-.801
350	266	-.196	.125	.195	-.662
350	267	-.176	.117	.213	-.655

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	268	-.189	.103	.177	-.554
350	269	-.150	.111	.228	-.527
350	270	-.186	.115	.199	-.582
350	271	-.173	.120	.234	-.544
350	272	-.299	.147	.129	-.926
350	273	-.241	.152	.194	-1.067
350	274	-.235	.142	.167	-1.090
350	275	-.203	.136	.211	-.737
350	276	-.221	.121	.145	-.881
350	277	-.161	.123	.209	-.707
350	278	-.178	.121	.178	-.582
350	279	-.170	.114	.217	-.684
350	280	-.205	.106	.159	-.742
350	281	-.152	.114	.252	-.668
350	282	-.301	.164	.175	-1.157
350	283	-.278	.159	.145	-1.079
350	284	-.267	.134	.109	-.965
350	285	-.197	.144	.233	-.910
350	286	-.210	.136	.188	-.814
350	287	-.190	.122	.199	-.625
350	288	-.210	.108	.145	-.585
350	289	-.159	.116	.221	-.557
350	290	-.197	.123	.199	-1.087
350	291	-.199	.119	.263	-.706
350	292	-.337	.148	.079	-1.222
350	293	-.251	.143	.187	-.818
350	294	-.233	.136	.202	-.781
350	295	-.226	.138	.249	-.887
350	296	-.243	.120	.171	-.851
350	297	-.178	.123	.267	-.754
350	298	-.199	.120	.238	-.669
350	299	-.195	.122	.216	-.780
350	300	-.242	.114	.157	-.776
350	301	-.180	.121	.252	-.569
350	302	-.329	.171	.149	-1.066
350	303	-.276	.147	.193	-.876
350	304	-.258	.127	.157	-.827
350	305	-.171	.131	.334	-.788
350	306	-.184	.126	.193	-.802
350	307	-.166	.117	.239	-.656
350	308	-.200	.107	.177	-.633
350	309	-.147	.117	.337	-.586
350	310	-.195	.124	.258	-.689
350	311	-.220	.127	.156	-.673
350	312	-.310	.137	.097	-1.047
350	313	-.209	.134	.274	-.958
350	314	-.180	.126	.243	-1.014
350	315	-.194	.132	.257	-.823
350	316	-.217	.119	.151	-.784
350	317	-.149	.126	.219	-.756

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	318	-.172	.128	.208	-.707
350	319	-.176	.115	.200	-.576
350	320	-.225	.118	.200	-.699
350	321	-.161	.130	.222	-.597
350	322	-.307	.161	.229	-1.046
350	323	-.252	.142	.178	-.830
350	324	-.204	.110	.120	-.678
350	325	-.129	.115	.246	-.583
350	326	-.150	.115	.285	-.601
350	327	-.151	.120	.244	-.662
350	328	-.200	.113	.169	-.848
350	329	-.128	.119	.266	-.580
350	401	-.199	.127	.187	-.714
350	402	-.210	.132	.167	-.846
350	403	-.245	.123	.151	-.764
350	404	-.183	.133	.327	-.859
350	405	-.223	.133	.273	-.820
350	406	-.207	.122	.283	-.628
350	407	-.246	.110	.205	-.645
350	408	-.180	.123	.310	-.686
350	409	-.193	.121	.310	-.625
350	410	-.199	.116	.199	-.671
350	411	-.252	.112	.150	-.697
350	412	-.171	.108	.205	-.570
350	413	-.204	.116	.197	-.686
350	414	-.205	.124	.170	-.589
350	415	-.274	.124	.091	-.705
350	416	-.232	.143	.245	-.809
350	417	-.199	.122	.175	-.645
350	418	-.220	.138	.156	-.813
350	419	-.269	.121	.099	-.959
350	420	-.206	.131	.227	-.802
350	421	-.217	.145	.246	-.993
350	422	-.188	.117	.183	-.655
350	423	-.284	.127	.117	-.951
350	424	-.198	.123	.235	-.661
350	425	-.186	.124	.235	-.674
350	426	-.220	.138	.317	-.999
350	427	-.267	.114	.092	-.736
350	428	-.223	.133	.141	-.947
350	429	-.196	.121	.156	-.691
350	430	-.193	.127	.230	-.688
350	431	-.276	.128	.128	-1.039
350	432	-.200	.123	.203	-.641
350	433	-.202	.130	.219	-.829
350	434	-.205	.122	.180	-.616
350	435	-.275	.118	.083	-.674
350	436	-.225	.129	.150	-.740
350	437	-.209	.123	.169	-.672
350	438	-.232	.127	.174	-.757

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	439	-.294	.118	.032	-.741
350	440	-.230	.129	.235	-.752
350	441	-.220	.132	.188	-.888
350	442	-.214	.127	.189	-.956
350	443	-.298	.128	.092	-1.057
350	444	-.223	.129	.175	-.773
350	445	-.205	.127	.160	-.750
350	446	-.236	.135	.170	-.763
350	447	-.311	.135	.092	-.762
350	448	-.280	.146	.121	-.878
350	449	-.252	.136	.139	-.796
350	450	-.237	.140	.153	-.897
350	451	-.312	.137	.065	-.914
350	452	-.171	.132	.213	-1.040
350	453	-.167	.137	.246	-.830
350	454	-.197	.128	.225	-.653
350	455	-.298	.126	.151	-.770
350	456	-.252	.128	.151	-.723
350	457	-.249	.126	.169	-.691
350	458	-.167	.123	.227	-.635
350	459	-.245	.122	.174	-.766
350	460	-.203	.133	.244	-.756
350	461	-.212	.133	.235	-.708
350	462	-.220	.134	.200	-.829
350	463	-.313	.126	.071	-.860
350	501	-.239	.145	.306	-1.404
350	502	-.279	.146	.147	-1.190
350	503	-.394	.168	.107	-1.085
350	504	-.550	.174	-.049	-1.270
350	505	-.504	.179	-.016	-1.161
350	506	-.203	.159	.288	-.829
350	507	.139	.150	.651	-.315
350	508	.174	.145	.668	-.331
350	509	-.237	.144	.339	-1.020
350	510	-.273	.154	.171	-.921
350	511	-.443	.199	.210	-1.184
350	512	-.627	.215	.060	-1.257
350	513	-.618	.248	.039	-1.322
350	514	-.350	.210	.358	-.996
350	515	.210	.179	.805	-.429
350	516	.377	.177	.852	-.181
350	517	-.243	.142	.181	-.991
350	518	-.286	.166	.307	-.954
350	519	-.436	.192	.151	-1.307
350	520	-.598	.226	.067	-1.356
350	521	-.655	.260	.077	-1.656
350	522	-.406	.218	.299	-1.281
350	523	.186	.173	.715	-.333
350	524	.454	.169	.996	-.213
350	525	-.282	.171	.222	-1.365
350	526	-.318	.177	.266	-1.043
350	527	-.427	.196	.110	-1.553
350	528	-.601	.225	-.018	-1.415
350	529	-.535	.265	.102	-1.517
350	530	-.385	.219	.215	-1.183
350	531	.132	.157	.756	-.356
350	532	.412	.162	1.161	-.096
350	533	-.250	.176	.243	-1.087
350	534	-.301	.180	.307	-1.073
350	535	-.485	.195	.054	-1.254
350	536	-.452	.213	.115	-1.228
350	537	-.568	.253	.084	-1.493
350	538	-.401	.216	.233	-1.199
350	539	.110	.145	.619	-.468
350	540	.384	.155	.957	-.103
350	541	-.237	.164	.276	-1.047
350	542	-.288	.170	.193	-1.129
350	543	-.485	.188	.110	-1.421
350	544	-.506	.207	.048	-1.318
350	545	-.636	.246	-.009	-1.674
350	546	-.363	.211	.277	-1.182
350	547	.065	.153	.601	-.456
350	548	.308	.157	.864	-.176
350	549	-.215	.135	.173	-.903
350	550	-.248	.149	.195	-.907
350	551	-.441	.183	.068	-1.365
350	552	-.476	.189	.114	-1.296
350	553	-.610	.217	.068	-1.444
350	554	-.373	.208	.312	-1.192
350	555	.048	.154	.810	-.468
350	556	.287	.153	.993	-.223
350	557	-.198	.129	.160	-1.096
350	558	-.234	.147	.232	-.957
350	559	-.392	.175	.074	-1.501
350	560	-.443	.197	.119	-1.681
350	561	-.568	.225	.074	-1.867
350	562	-.354	.200	.306	-1.224
350	563	.052	.142	.513	-.399
350	564	.262	.146	.802	-.201
350	565	-.209	.127	.236	-.771
350	566	-.204	.129	.164	-.746
350	567	-.321	.154	.091	-.977
350	568	-.398	.180	.063	-1.130
350	569	-.527	.210	.077	-1.364
350	570	-.258	.170	.343	-.818
350	571	.033	.122	.513	-.314
350	572	.209	.124	.662	-.176
350	573	-.237	.122	.225	-.764
350	574	-.180	.124	.171	-.718
350	575	-.261	.152	.110	-.951
350	576	-.288	.168	.152	-1.050
350	577	-.387	.186	.110	-1.244
350	578	-.244	.188	.380	-.889
350	579	-.006	.138	.438	-.567
350	580	.138	.142	.666	-.467
350	581	.109	.124	.611	-.270
350	582	-.276	.144	.178	-.870
350	583	.080	.138	.691	-.467
350	584	-.158	.145	.290	-.761
350	585	-.209	.152	.265	-.863
350	586	-.233	.154	.229	-.862
350	587	-.195	.161	.268	-.934
350	588	.010	.111	.378	-.445
350	589	.103	.127	.655	-.374
350	590	.162	.142	.672	-.299
350	591	-.261	.131	.144	-.763
350	592	-.168	.139	.245	-.723
350	593	-.176	.140	.250	-.746
350	594	.116	.119	.622	-.369
350	595	.123	.126	.687	-.405

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: AMERICAN GENERAL NO. 5 BUILDING, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
162	501	-.590	.211	.020	-1.398
162	552	-.243	.115	.161	-.742
162	553	-.237	.128	.364	-.925
162	561	-.217	.121	.246	-.832
164	501	-.602	.230	.041	-1.787
164	552	-.236	.124	.171	-.751
164	553	-.235	.140	.238	-.814
164	561	-.206	.129	.232	-.669
166	501	-.585	.217	.086	-1.624
166	552	-.252	.122	.133	-.833
166	553	-.238	.137	.170	-.883
166	561	-.210	.128	.194	-.830
168	501	-.580	.224	.034	-1.610
168	552	-.257	.126	.187	-.765
168	553	-.238	.139	.241	-.786
168	561	-.211	.127	.194	-.701
170	501	-.577	.255	.205	-1.752
170	552	-.279	.139	.256	-.818
170	553	-.258	.153	.320	-.890
170	561	-.230	.142	.274	-.786
172	501	-.478	.228	.072	-1.485
172	552	-.268	.135	.198	-.785
172	553	-.249	.152	.215	-1.130
172	561	-.211	.131	.198	-.699
174	501	-.420	.215	.129	-1.381
174	552	-.294	.140	.135	-.851
174	553	-.276	.158	.197	-.933
174	561	-.243	.147	.175	-.858
176	501	-.360	.195	.102	-1.199
176	552	-.277	.140	.164	-.925
176	553	-.255	.152	.156	-.962
176	561	-.221	.139	.155	-.848
178	501	-.320	.172	.204	-1.191
178	552	-.278	.139	.198	-1.072
178	553	-.258	.153	.235	-.935
178	561	-.224	.138	.241	-.719
332	501	-.254	.152	.257	-1.143
332	552	-.284	.138	.128	-.875
332	553	-.283	.157	.257	-1.179
332	561	-.395	.186	.091	-1.218
334	501	-.250	.151	.295	-.838
334	552	-.305	.142	.123	-.974
334	553	-.294	.159	.173	-1.104
334	561	-.392	.187	.160	-1.126
336	501	-.265	.159	.247	-.960
336	552	-.358	.164	.131	-1.362
336	553	-.348	.186	.154	-1.538
336	561	-.476	.199	.079	-1.942
338	501	-.268	.154	.198	-1.119
338	552	-.375	.167	.060	-1.252
338	553	-.363	.192	.159	-1.431
338	561	-.495	.197	.113	-1.238
340	501	-.253	.155	.280	-1.082
340	552	-.362	.161	.166	-1.046
340	553	-.349	.183	.225	-1.389
340	561	-.488	.195	.068	-1.233
342	501	-.275	.165	.251	-.995
342	552	-.447	.199	.046	-1.415
342	553	-.443	.229	.148	-1.503
342	561	-.580	.224	-.003	-1.555
344	501	-.264	.156	.207	-.971
344	552	-.504	.204	.009	-1.472
344	553	-.511	.241	.080	-1.595
344	561	-.592	.217	-.001	-1.469
346	501	-.246	.153	.234	-.906
346	552	-.512	.229	.025	-1.478
346	553	-.532	.275	.104	-1.678
346	561	-.604	.232	-.004	-1.655
348	501	-.227	.140	.212	-.767
348	552	-.571	.210	-.016	-1.382
348	553	-.607	.253	.041	-1.613
348	561	-.614	.224	-.086	-1.482
350	501	-.229	.135	.223	-.779
350	552	-.624	.198	-.017	-1.370
350	553	-.658	.235	.007	-1.668
350	561	-.631	.205	-.081	-1.432
352	501	-.207	.125	.168	-.620
352	552	-.580	.200	-.024	-1.422
352	553	-.612	.238	.034	-1.625
352	561	-.576	.212	-.006	-1.612
354	501	-.213	.131	.199	-.789
354	552	-.651	.221	-.012	-1.577
354	553	-.698	.261	.143	-1.802
354	561	-.639	.257	.163	-1.871
356	501	-.203	.118	.236	-.702
356	552	-.593	.203	-.089	-1.332
356	553	-.632	.243	.004	-1.567
356	561	-.562	.236	.042	-1.419
358	501	-.213	.121	.198	-.678
358	552	-.622	.194	-.054	-1.275
358	553	-.663	.238	.050	-1.565
358	561	-.574	.221	.023	-1.492